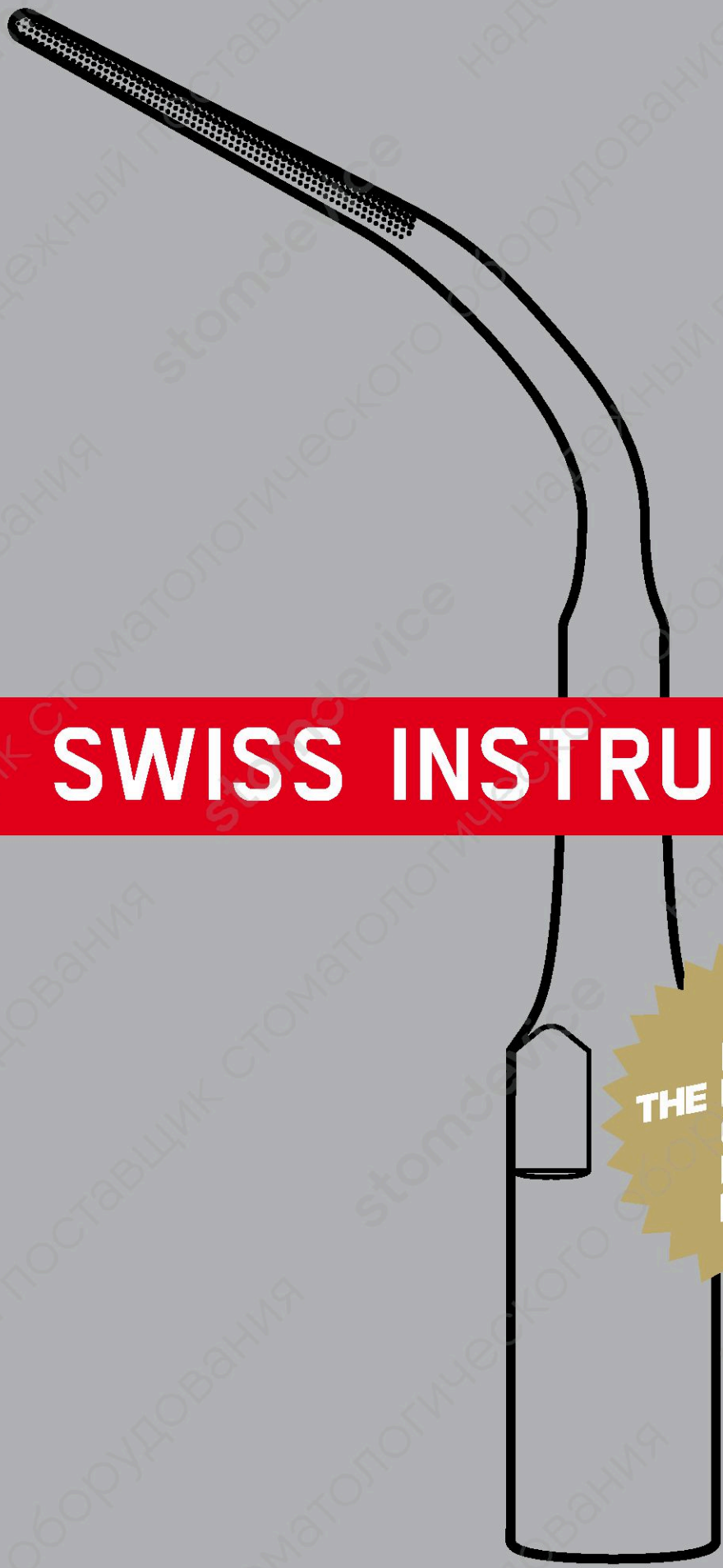
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SWISS INSTRUMENTS™

FROM THE INVENTOR OF THE PIEZON® METHOD

EMS
ELECTRO MEDICAL SYSTEMS

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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SWISS INSTRUMENTS™
PRECISION BY DESIGN



PS Instrument
[>magnified 8x]

SWISS INSTRUMENTS™
PIEZON METHOD

PIEZON® METHOD→ SWISS INSTRUMENTS™

PIEZON® ULTRASOUND INSTRUMENTS FOR A COMPLETE RANGE OF TREATMENTS

→ ENDODONTICS
→ SCALING
→ PERIO
→ CAVITY PREPARATION
→ RESTORATIVE

TOP QUALITY AT ITS BEST

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SWISS INSTRUMENTS™
ENDODONTICS

ENDODONTICS – FROM CLASSIC TO STATE OF THE ART→

- → SHAPE ROOT CANAL
- → CLEAN ROOT CANAL
- → LATERAL GUTTA-PERCHA CONDENSATION
- → REMOVE CROWNS, BRIDGES AND PINS
- → REMOVE CALCIFICATIONS
- → REMOVE PIECES OF FRACTURED INSTRUMENTS
- → RETROGRADE PREPARATION OF ROOT CANALS



ULTRA CLEAN
Cleaning and disinfecting solution for Piezon® Master 400 and 600 as well as other ultrasound units

Available in selected markets only - please contact your local dealer for details

6 BOTTLES AT 1000 ml→ MUC-006



RT1 INSTRUMENT
Diamond-tipped instrument for locating canals and removing calcifications in the coronal third of the root canal system

DS-066A



D INSTRUMENT
For loosening crowns, bridges and pins placed previously with phosphate cement

DS-005A



RT2 INSTRUMENT
Diamond-tipped instrument for removing ledges. Creates straight canal for easy viewing of broken instruments

DS-067A



H INSTRUMENT
For the lateral thermal condensation of gutta-percha

DS-004A

SWISS INSTRUMENTS™
ENDODONTICS



FLAT WRENCH
To change instruments for all three file holders

DT-018



RT3 INSTRUMENT
Very long and fine instrument for the removal of broken instrument tips. Use with 180° file holder

DT-062



180° FILE HOLDER
For use with RT3, Berutti and RE2 instruments

DS-069



RE2 INSTRUMENT
Instrument for retrograde root-canal isthmus preparation. The surface is coated with titanium nitride to improve abrasion. Use with 120° or 180° file holders

DT-061



BERUTTI INSTRUMENT
Diamond-tipped instrument for the retrograde preparation of root canals. A tapered design allows minimally invasive access and therefore fewer postoperative complications. Use with 120° or 180° file holders

DT-060



120° FILE HOLDER
For the flexibility to use different endo files, specially suited for anterior and premolar areas. Also suitable for RE2 and Berutti instruments

DS-010



ESI INSTRUMENT
Non-cutting NiTi instrument for the effective cleaning and irrigation of the root canal system

DT-069/A



90° FILE HOLDER
For the flexibility to use different endo files, specially suited for the molar area

DS-012



STEEL FILES/K-FILES/ENDO FILES
K-Files for cleaning and disinfecting the root canal system [> *Use files in 90° or 120° file holders*]

6 endo files ISO 15 (white)	DT-006
6 endo files ISO 20 (yellow)	DT-007
6 endo files ISO 25 (red)	DT-008
6 endo files ISO 30 (blue)	DT-009
6 endo files ISO 35 (green)	DT-010

1 set endo files ISO 15/20/25/30/35 mm, 6 pcs each

DT-011

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SWISS INSTRUMENTS℠
PIEZON METHOD

PIEZON® MASTER 600→

FOR USE WITH MORE THAN 20 ULTRASOUND APPLICATIONS WITH THE PIEZON® METHOD, FROM SCALING AND PERIODONTAL THERAPY TO CAVITY PREPARATION

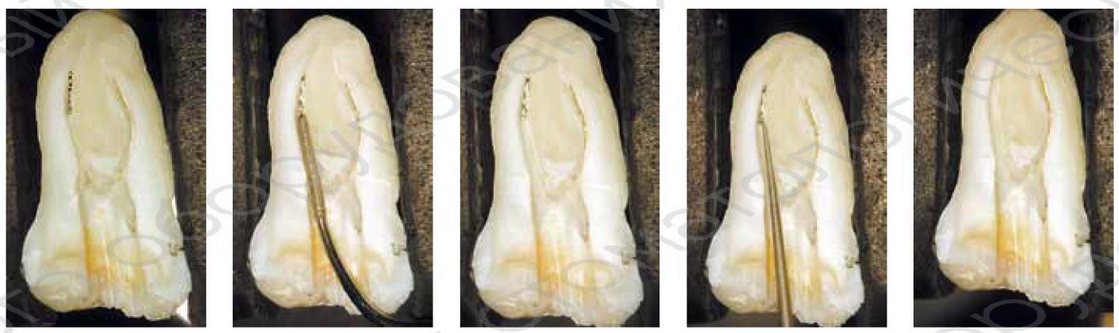


CART
For the mobile use of Piezon® Master 600 with integrated power supply

METALLIC SILVER→ MD-907
WHITE→ MD-908



REMOVING A BROKEN INSTRUMENT WITH SWISS INSTRUMENTS℠ RT1, RT2, RT3

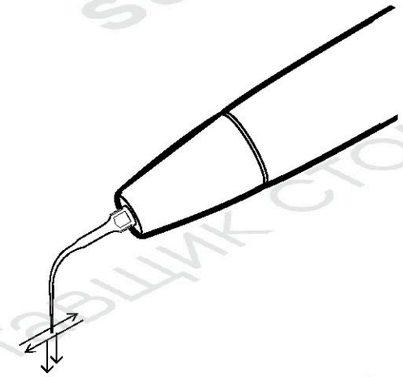


SWISS INSTRUMENTS℠
PIEZON METHOD

PIEZON® METHOD→

ABSOLUTELY LINEAR OSCILLATIONS

→FOR UNEQUALLED PRECISION AND GENTLE FUNCTIONING OF EACH INSTRUMENT
→PERFECT FOR THE RESPECTIVE TREATMENT APPLICATION WITH PERMANENT FEEDBACK MEASUREMENT





> Hydrodynamic effects are key to success in perio and endo treatments

> Bactericidal action through cavitation and acoustic streaming



> Comparison of a root canal prepared using hand instrumentation (left) and one prepared by ultrasound with the Piezon® method (right)

DURING ENDO TREATMENT, THE QUALITY OF THE INSTRUMENT SURFACE ALLOWS REMOVAL OF EVEN THE SMALLEST AMOUNTS OF TOOTH SUBSTANCE

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SWISS INSTRUMENTS™
SCALING_PERIO

SCALING AND PERIO→

WITH CONTROLLED INSTRUMENT MOVEMENTS GENTLE AND PAINLESS



A INSTRUMENT
For removing supragingival deposits in all quadrants

DS-001A



P INSTRUMENT
For removing supra- and subgingival calculus in all quadrants

DS-011A



PS INSTRUMENT
For removing calculus in deep periodontal pockets in all quadrants

"EMS PERIO SLIM TIP HAD BEST INTERPROXIMAL AND SUBGINGIVAL ACCESS" – CRA (Clinical Research Associates) Newsletter, USA, June 1998

DS-016A







B INSTRUMENT
For cleaning lingual surfaces with heavy stain and calculus

DS-003A

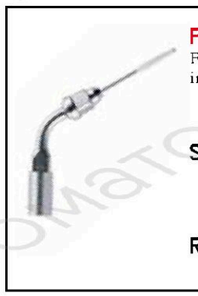


C INSTRUMENT
For removing deposits and stain – especially suitable for removing bonding residue, e.g. in orthodontics

DS-002A

IMPLANT CLEANING WITH PIEZON®





PI INSTRUMENT
For the effective and gentle cleaning of implants and corresponding restorations

STARTER KIT
4 PI instruments
1 file holder (120°)
1 flat wrench

FS-295

REFILL
4 PI instruments

DT-065A

SWISS INSTRUMENTS™
SCALING_PERIO







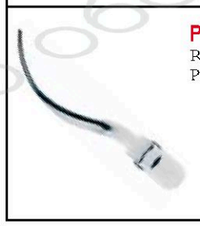
PL1 INSTRUMENT
Left-curved instrument for periodontal debridement – especially suitable for difficult-to-reach interproximal surfaces

DS-030A



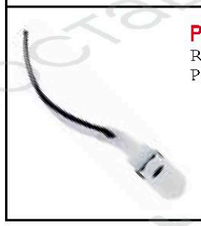
PL4 INSTRUMENT
Left-curved instrument with small ball [> *0.6-mm diameter*] on instrument tip for the periodontal debridement of furcations and concavities

DS-033A



PL2 INSTRUMENT
Right-curved. Otherwise same as PL1 instrument

DS-031A



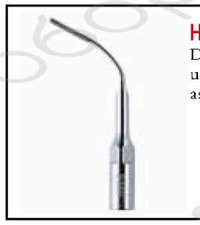
PL5 INSTRUMENT
Right-curved. Otherwise same as PL4 instrument

DS-034A



PL3 INSTRUMENT
Instrument for cleaning and disinfecting periodontal pockets – especially suitable for follow-up and recall visits

DS-032A



HPL3/DPL3 INSTRUMENTS
Diamond-tipped perio instruments for in-depth root debridement using direct vision [> *"Flap"*] – for smoothing restoration overhangs as well as expanding root furcations

HPL3 70-µm GRAIN→ DS-075A

DPL3 15-µm GRAIN→ DS-065A



BacterX®→

READY-TO-USE CHLORHEXIDINE SOLUTION (0,2 %) WITH AND WITHOUT ALCOHOL TO SUPPORT PERIODONTAL TREATMENT

Available in selected markets only – Please contact your local dealer for details

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HIGH-TECH FLOWERS



→ PL1 → PS → PRT1 → VE → PL2

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SWISS INSTRUMENTS™
YOUR BENEFIT BY DESIGN

SWISS INSTRUMENTS PM→ SYSTEMS WITH ADVANTAGE

COMBITORQUE®→

UNIQUE TORQUE TOOL

> Unique combination of torque wrench and instrument holder

> Safe and clear storage of instruments

> Significantly reduced risk of loss of fine instruments

EACH INSTRUMENT WITH ITS OWN COMBITORQUE®

> Instrument and CombiTorque® are sterilised together

> Dentist or assistant do not need to touch the instrument

> No risk of injury or contamination

→STERILE MOUNTING OF TIP



STERIBOX→

FULLY STERILISABLE STAINLESS-STEEL TRAYS

> Clear arrangement and storage of instruments

> Treatment-specific, sterile treatment preparation

> Fast choice of instrument during treatment

> Two sizes – quarter- or half-tray size – depending on the number of handpieces and instruments

> High quality for long life



SWISS INSTRUMENTS™
RESTORATION

CAVITY PREPARATION→



SM INSTRUMENT
Partially diamond-tipped instrument for preparing mesial cavities – without damage to the adjacent tooth
DS-051A



SBm INSTRUMENT
Partially diamond-tipped instrument for finishing interproximal mesial cavity margins
DS-060A



SD INSTRUMENT
For distal cavities. Otherwise same as SM instrument
DS-052A



SBd INSTRUMENT
Partially diamond-tipped instrument for finishing interproximal distal cavity margins
DS-061A



PF INSTRUMENT
Diamond-tipped instrument for enlarging fissures
DS-062A



SB INSTRUMENT
Diamond-tipped instrument for enlarging small occlusal and buccal defects
DS-057A



VE INSTRUMENT
Diamond-tipped instrument for veneer preparation - for clearly defined preparation margins with maximum protection for gingiva and adjacent tooth
DS-064A

RESTORATIVE→



E INSTRUMENT
For condensing small to medium amalgam fillings
DS-006A



G INSTRUMENT
For smoothing and burnishing amalgam fillings and gold foil fillings
DS-008A



F INSTRUMENT
For condensing large amalgam fillings
DS-007A



SP INSTRUMENT
For bonding ceramic inlays, onlays and veneers [*>without SP cap*]
DS-015A
6 SP CAPS→ EL-063

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SWISS INSTRUMENTS™
ORIGINAL_COPY

ORIGINAL

SWISS INSTRUMENTS™
PL3→



NO NAME

ULTRASOUND
INSTRUMENT→



MAGNIFICATION REVEALS SWISS QUALITY FROM EMS AND SHOWS THE DIFFERENCE

- Premium surgical steel with exclusive alloy for EMS
- Intricate manufacturing process with up to 31 production steps
- Reproducible oscillation behaviour due to high-precision fabrication
- Fine surface due to special polishing process for long life
- Inspection of each instrument

“BUYING CHEAP MAY COST YOU”

SWISS INSTRUMENTS™
INSTRUMENT TESTER

CHECK YOUR PIEZON® INSTRUMENTS→

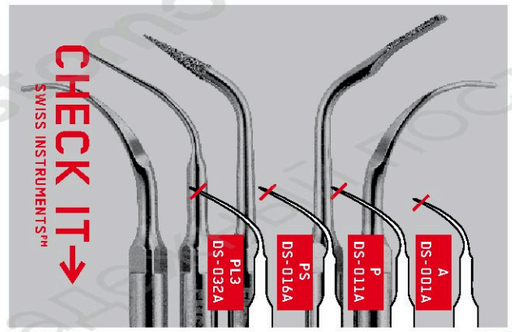
EVEN THE BEST ULTRASOUND INSTRUMENTS ARE SUBJECT TO NORMAL WEAR

- 2 mm shorter = 50% performance loss

REGULAR REPLACEMENT DELIVERS MEASURABLE TREATMENT EFFICACY

- Easy removal of calculus = saves time
- Effortless treatment = practitioner comfort
- Gentle on the tissue = patient comfort

YOUR PIEZON® INSTRUMENT TESTER SHOWS IT→



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WWW.EMS-SWISSQUALITY.COM

EMS
ELECTRO MEDICAL SYSTEMS SA
Chemin de la Vuarpillière 31
CH-1260 Nyon

Tel. +41 22 99 44 700
Fax. +41 22 99 44 701
welcome@ems-ch.com
www.ems-dent.com

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Swiss Instruments PM

EMS S.A.

v. 2.2

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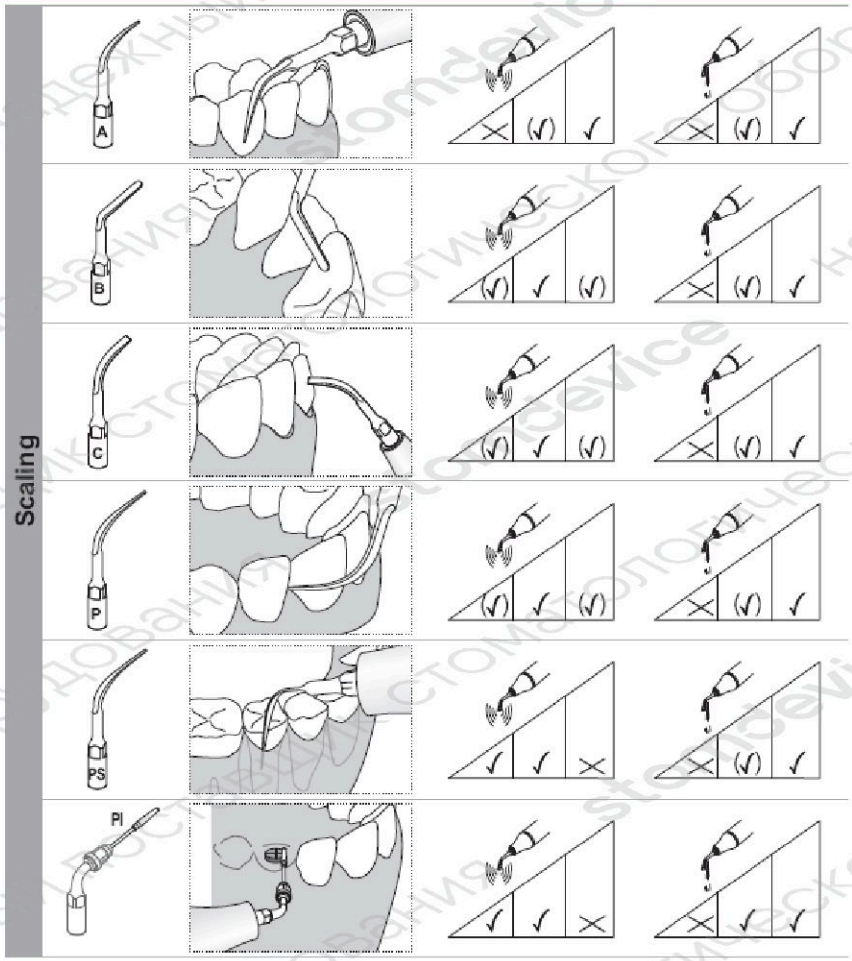
Table of content

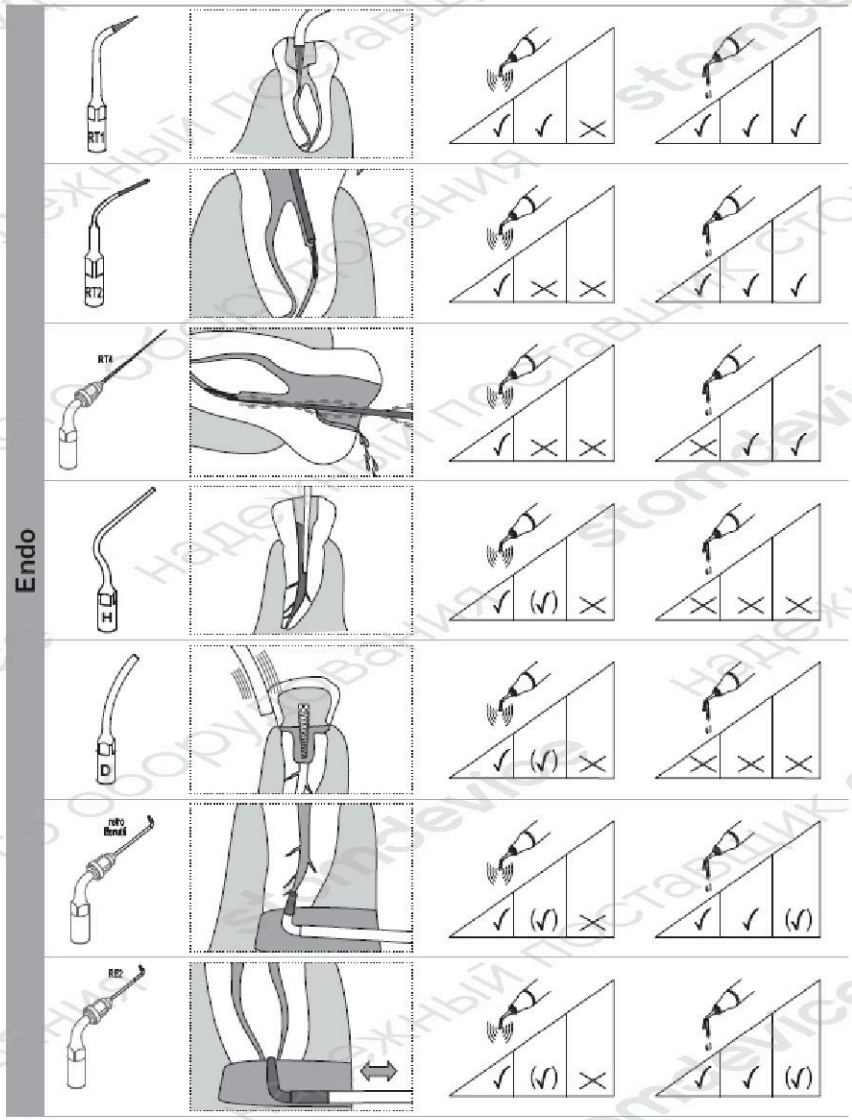
1. Settings at a glance
2. General information
3. Instruments
4. Material

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Settings at a glance

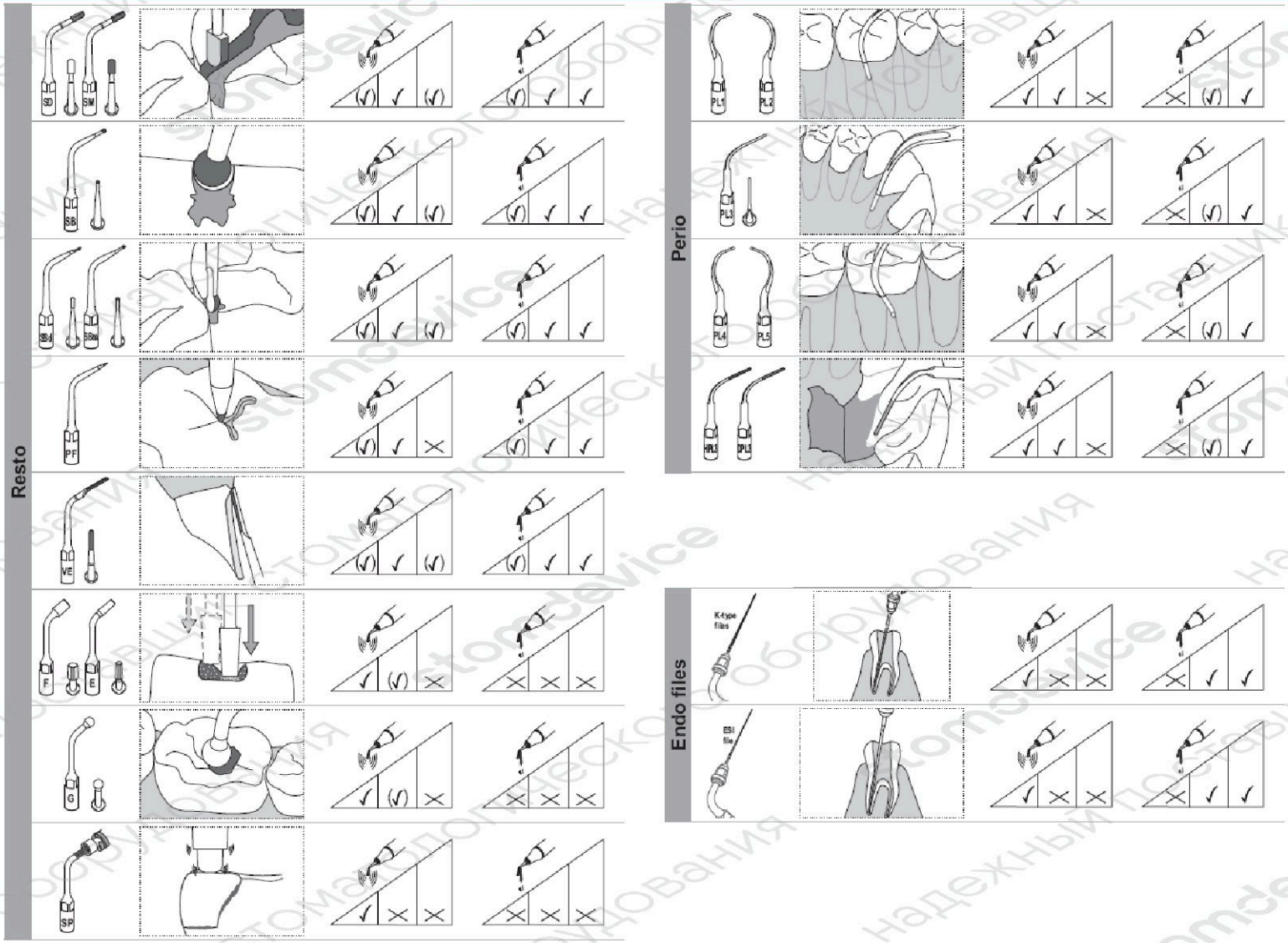




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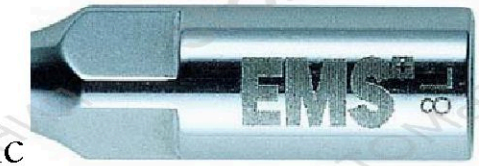
EMS ELECTRO MEDICAL SYSTEMS

Settings at a glance



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Efficiency



Optimum instrument efficiency with dedicated EMS electronic and feedback-control

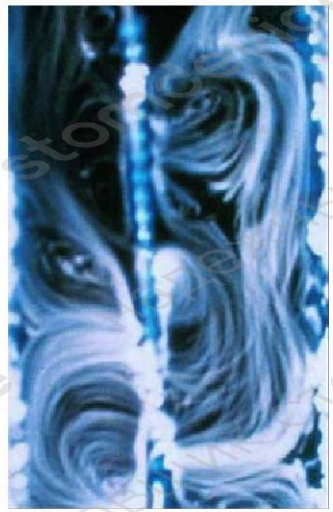
Controlled resonance frequency

Enhanced cleaning efficiency through acoustic micro-streaming

Bactericidal effect and disintegration of biofilm through ultrasound generated cavitation

Complete range of instruments each designed to cover specific treatment

Time gain





https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России

Benefits

Innovation



Continuous engineering and manufacturing improvements

Designed with the help of the latest technologies (finite elements model)

Reliability

In combination with EMS CombiTorque: perfect tightening on all EMS handpieces

Continuous manufacturing controls

Highest Swiss precision and manufacturing standards

Optimum and controlled natural wear of instrument

Compatible with all EMS handpieces

EMS warranty

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по Росси

Benefits

Safety



Absolutely linear movement/oscillation

Optimum spray geometry and cooling effect

Verified material biocompatibility

Sterilisation

In combination with EMS CombiTorque: no cross-contamination or user injury possible

High quality materials to ensure robustness

EMS quality management system



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по Росси

→ General information

CombiTorque®

Controlled, perfect & fast tightening torque
Instrument holder for sterilization
User protection
Hygiene



Steribox

Hygienic storage
Sterilisable
For all instruments and handpieces

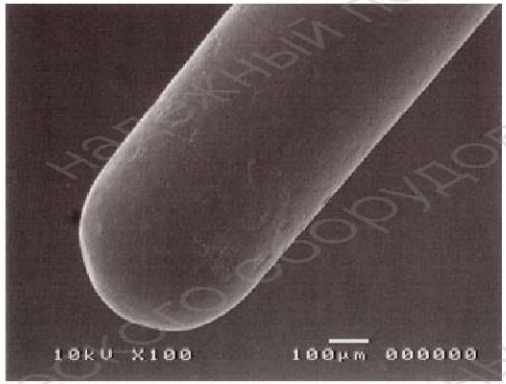


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→ Highest manufacturing standards

Swiss Instruments[PM]

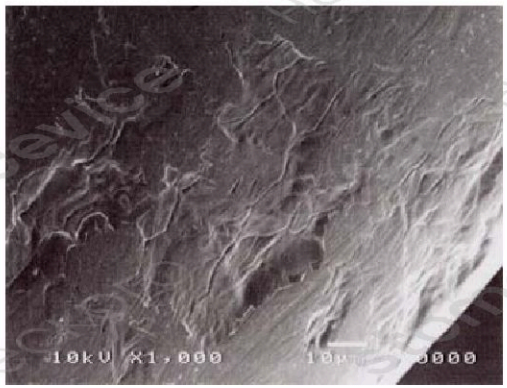
26 manufacturing steps
31 controlled parameters
Tolerance < 10µm
Hardness > 600 HV



(Magnification x100)



(Magnification x100)



(Magnification x1000)

Others

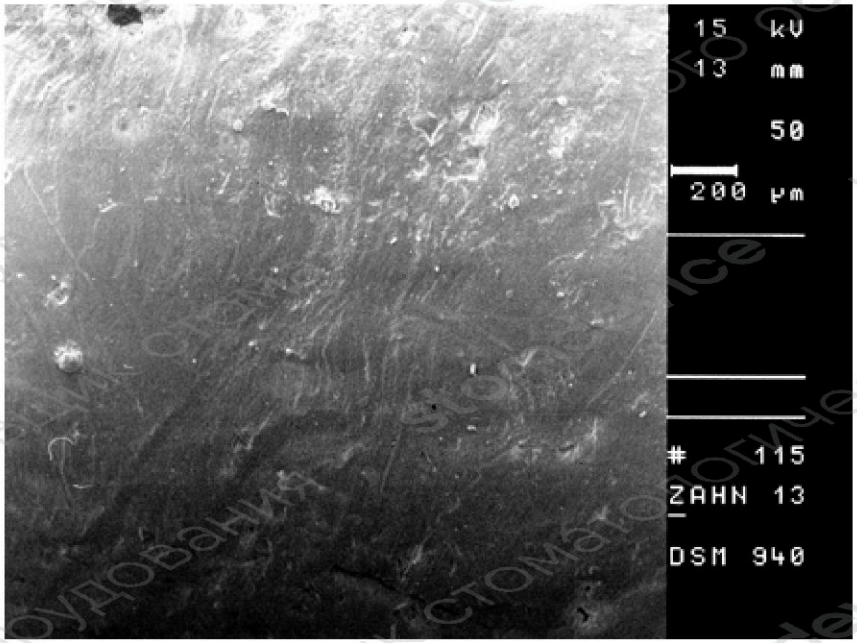


(Magnification x1000)

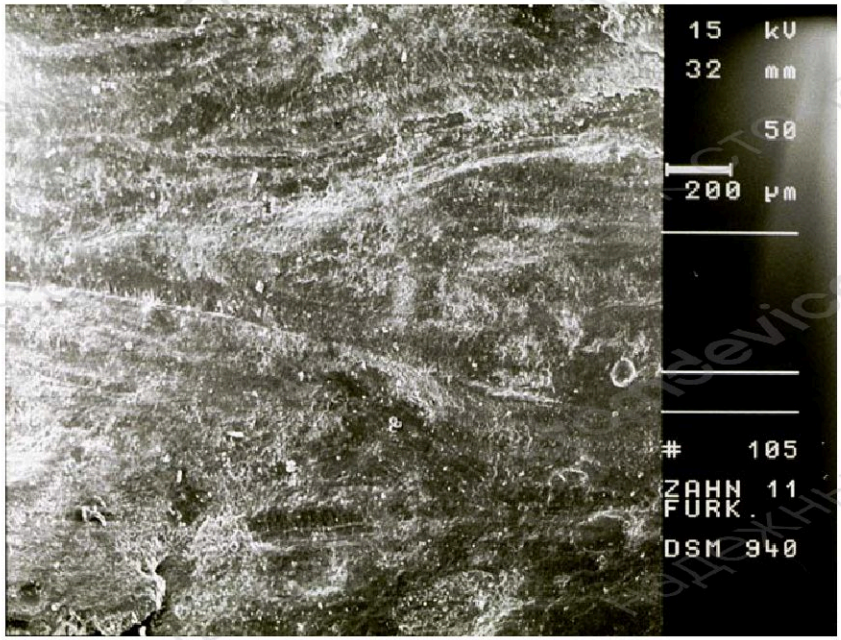
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→ Highest clinical results



EMS



Gracey curettes

Source: University Hamburg / Dr. Schmage (Germany)

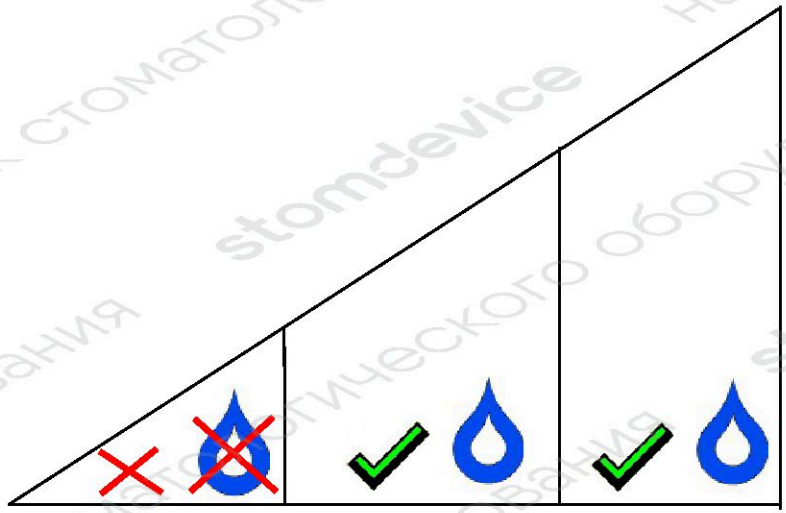
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Power and irrigation settings

Power setting: Prohibited ✗ Authorized ✓

Irrigation setting: Prohibited 💧✗ Authorized 💧



Minimum Maximum

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EMS ELECTRO MEDICAL SYSTEMS

Recommendations



- Reprocess your instruments before use
- Pay attention to recommended power and irrigation settings
- On metal/ceramic restorations only dedicated instruments shall be used
- Reduce bacterial count with BacterX®
- Use proper working technique
- Use rubber dam if possible
- General rule: replace instrument when its length is reduced by 2mm

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Scaling / Perio

Remove supragingival calculus

Remove subgingival calculus

Periodontal maintenance therapy

Periodontal surgery

Implant and restoration maintenance

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Instrument A (DS-001A)

Universal Scaling Instrument

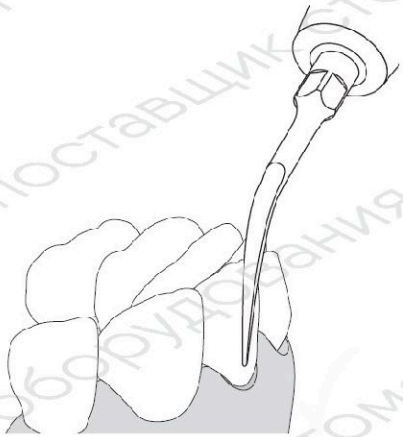
For all teeth, supragingival only

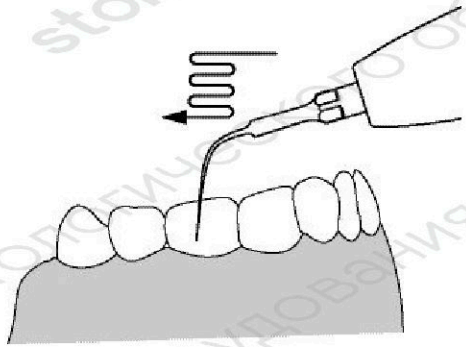
Maximum performance

Use the first 2-3 mm tip, tangent to the tooth

Work from the incisal edge to the sulcus







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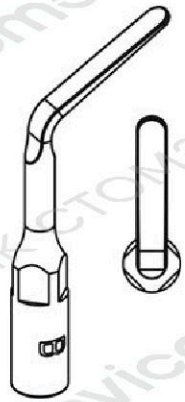
Instrument B (DS-003A)

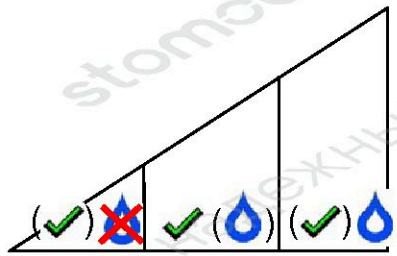
Lingual Calculus Scaling Instrument

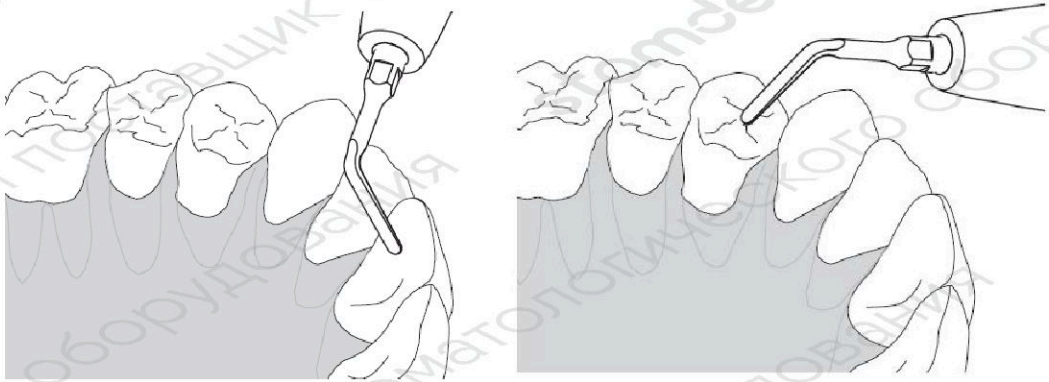
For all teeth, supragingival only

Also for thin lingual deposits

Rounded tip can be used directly at low power

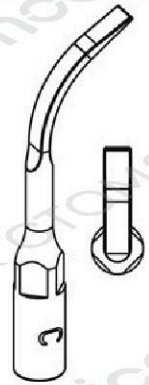






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Instrument C (DS-002A)

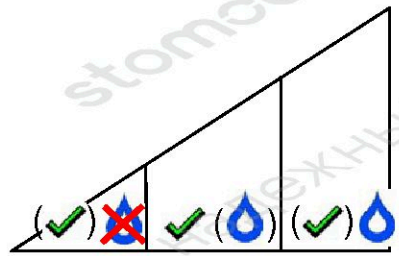


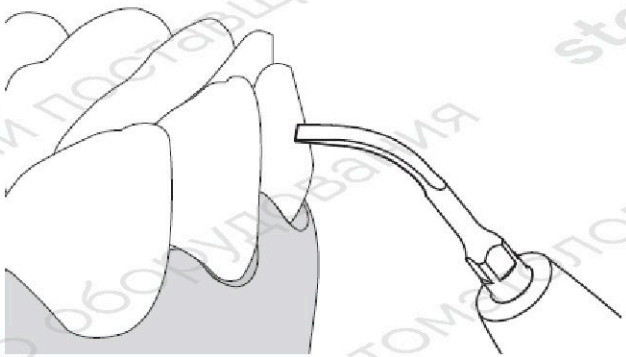
Heavy Calculus Scaling Instrument

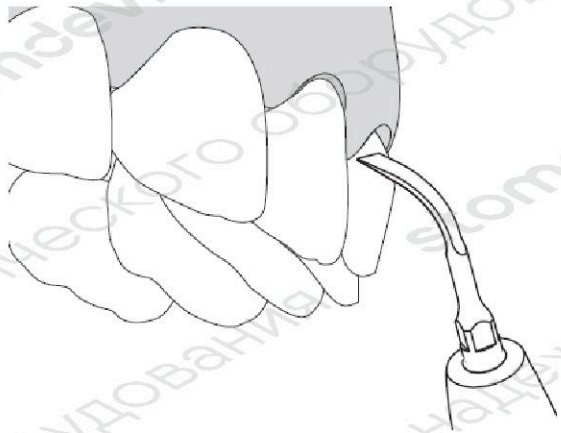
For all teeth, supragingival only

For heavy deposits

Flat tip can be used on the labial surface of the tooth







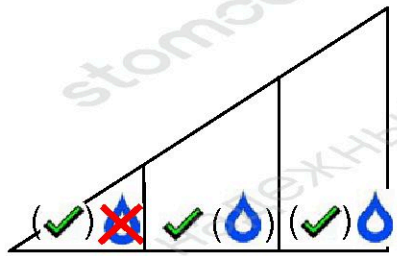
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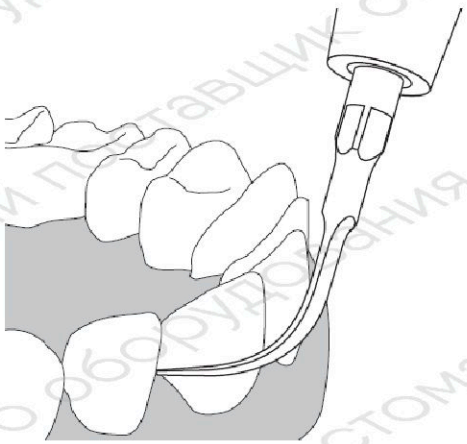
Instrument P (DS-011A)

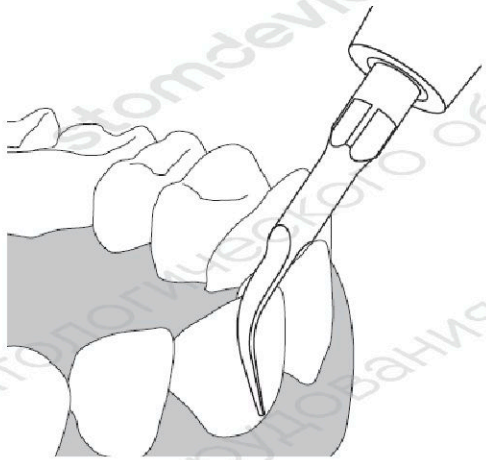
Perio Instrument



For all teeth, supra & subgingival down to ~4 mm pocket depth
First 2-3 mm instrument tip shall be used, tangent to the tooth
Applicable for interproximal areas as well
Probe shall be used to check depth & result







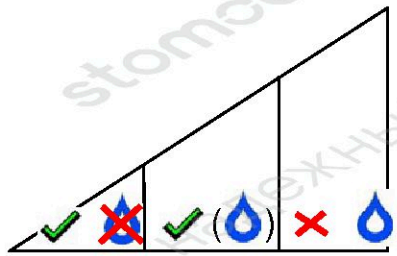
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России

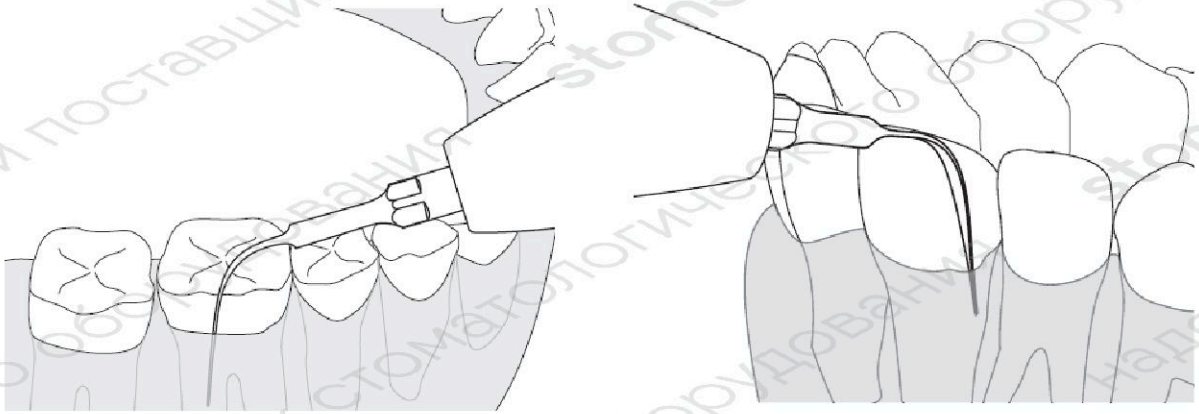
Instrument PS (DS-016A)

Perio Slim Instrument



For all teeth, supra & subgingival for deep pockets
First 2-3 mm instrument tip shall be used, tangent to the tooth
Probe shall be used to check depth & result
Applicable for antimicrobial pocket irrigation delivery as well
Applicable also for gentle supragingival maintenance (children)





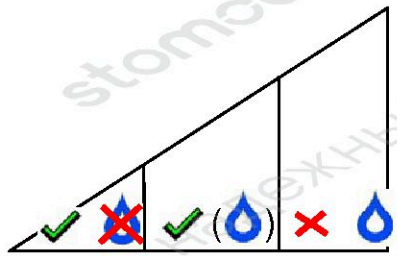
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России

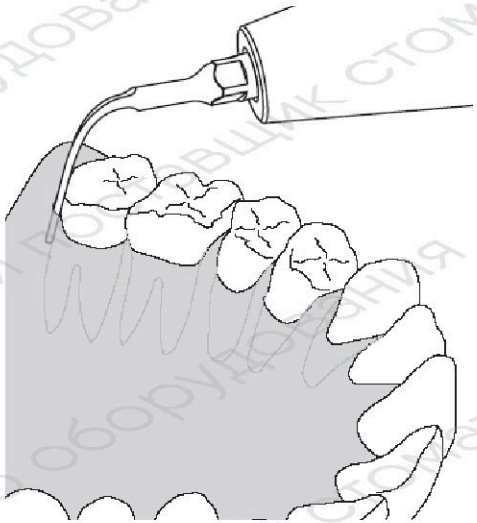
Instrument PL3 (DS-032A)

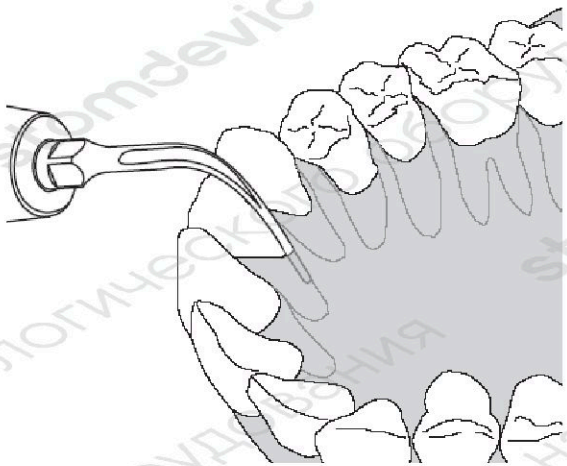
Perio Line Instrument (recall & irrigation)



For all teeth, for all root surfaces
First 2-3 mm instrument tip shall be used, tangent to the tooth
Circular section compared to PS, more gentle
Probe shall be used to check depth & result
Applicable for antimicrobial pocket irrigation delivery as well







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Perio Line Instrument

PL1 left curved, PL2 right curved

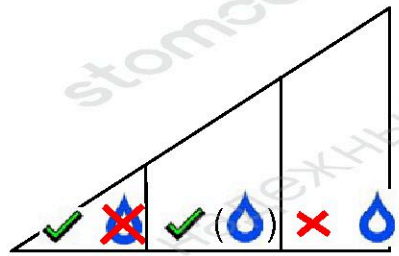
Shaped for lingual and buccal surfaces

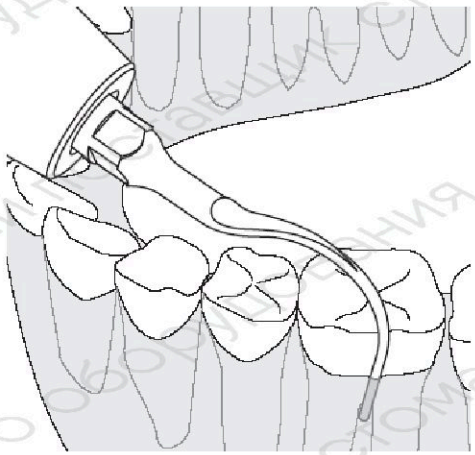
All lateral surfaces of the instrument shall be used

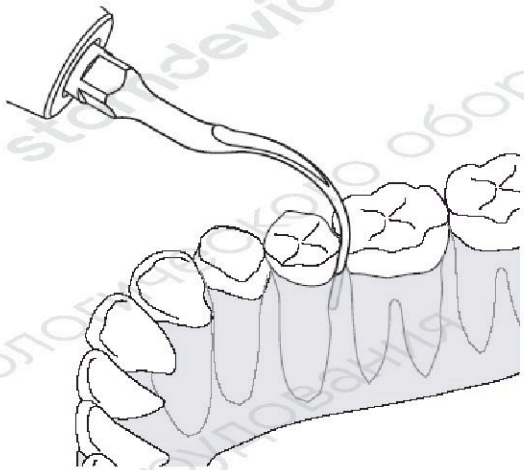
Applicable in furcation areas

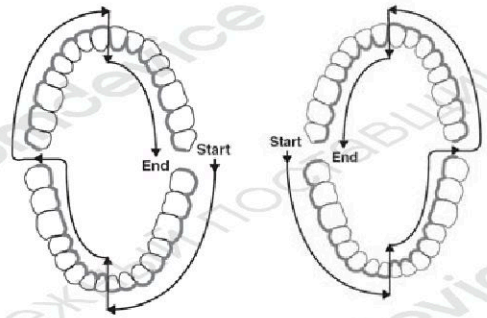


PL2









PL1 PL2

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Instrument PL4/5 (DS-033A/34A)

Perio Line Instrument

PL4 left curved, PL5 right curved

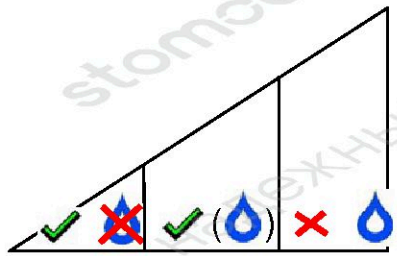
Shaped for lingual and buccal surfaces

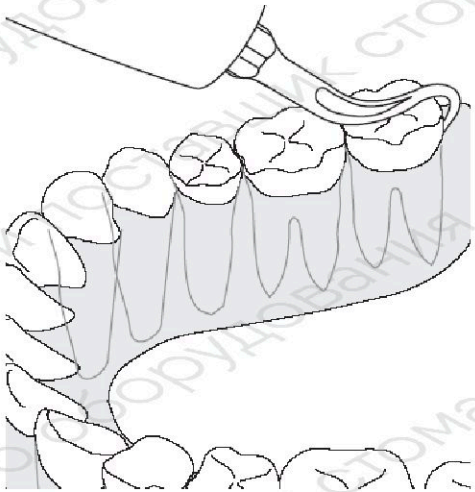
Tiny ball-ends for furcation and concavities areas

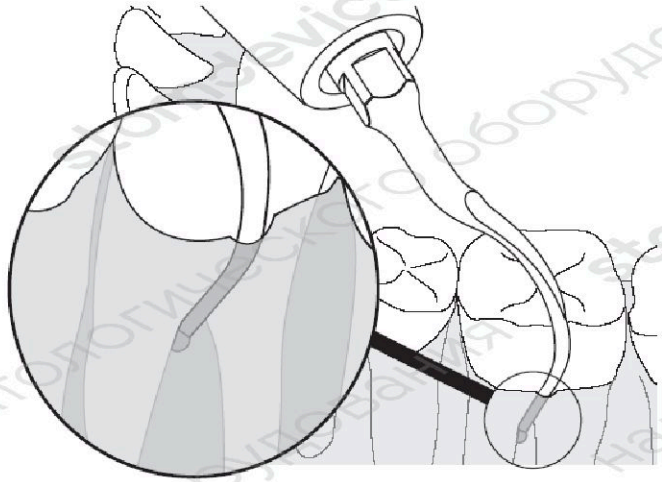
Ball diameter: ~0.8 mm

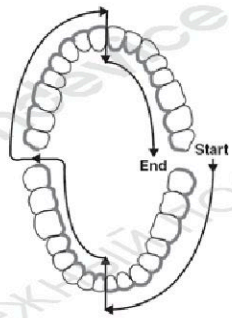


PL5

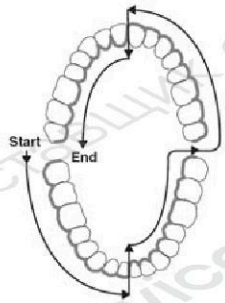








PL5



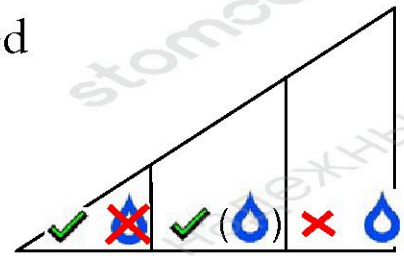
PL4

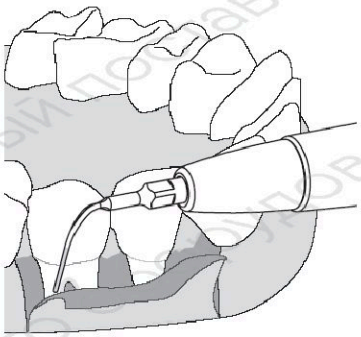
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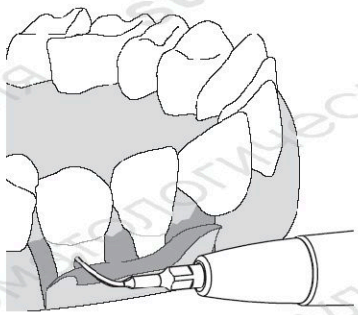
Perio Diamond Instrument

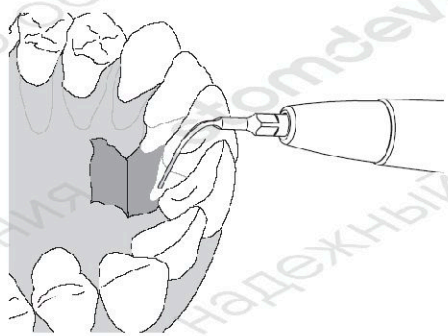
DPL3 (15μm) / HPL3 (70μm)
First HPL3 shall be used for root cleaning (direct sight) and furcation enlargement
Then DPL3 shall be used to polish the surfaces previously treated











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EMS ELECTRO MEDICAL SYSTEMS

Adapter for PI, K-files, ESI-file, Berutti, RE2, RT3

Flat wrench shall be used to tighten the Endochuck to the HP

Tighten the nut only when an instrument is inserted

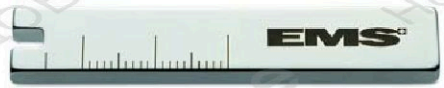
Power and liquid settings depend on the instrument attached







DS-069 (180°) / DS-010 (120°) / DS-012 (90°)



DT-018

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Instrument PI (DS-065A)

Implant and Restoration Maintenance Instrument

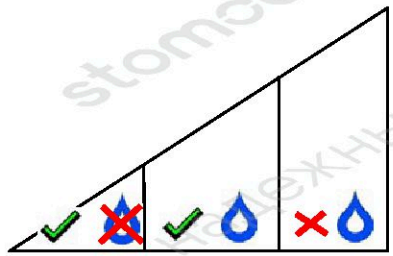


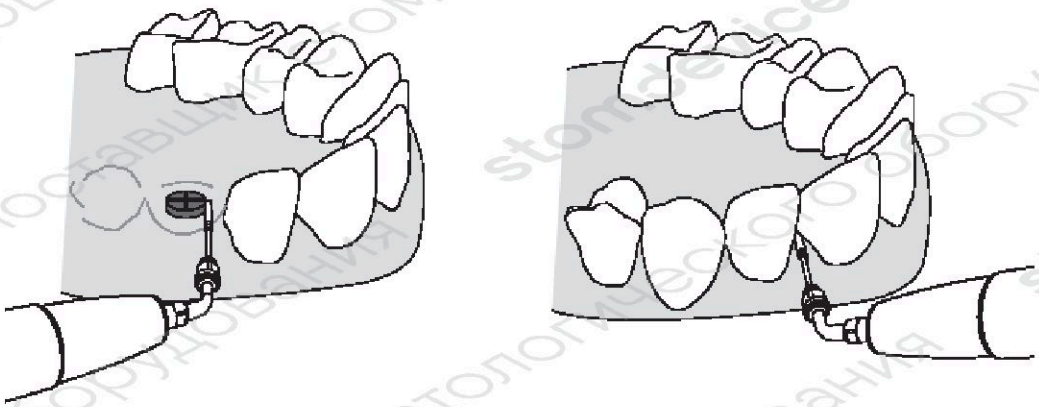
Shall be used with Endochuck 120°

Convenient refill

Instrument to stick out of the Endochuck by 14 mm

Durability: ~ 50 patients with 4 implants/restorations





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Endodontics

Root canal entry location and calcifications removal

Preparation and cleaning of root canals

Cleaning and irrigation of root canals

Obturation / condensation of gutta-percha

Access preparation for removal of broken files

Broken file removal

Retrograde root canal preparation

Retrograde isthmus preparation

Post, bridge and crown removal

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Instrument RT1 (DS-066A)

Retreatment Instrument for removing calcifications



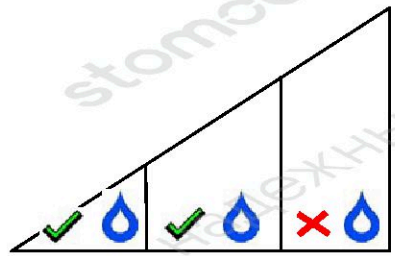
Easy location of root canal entries

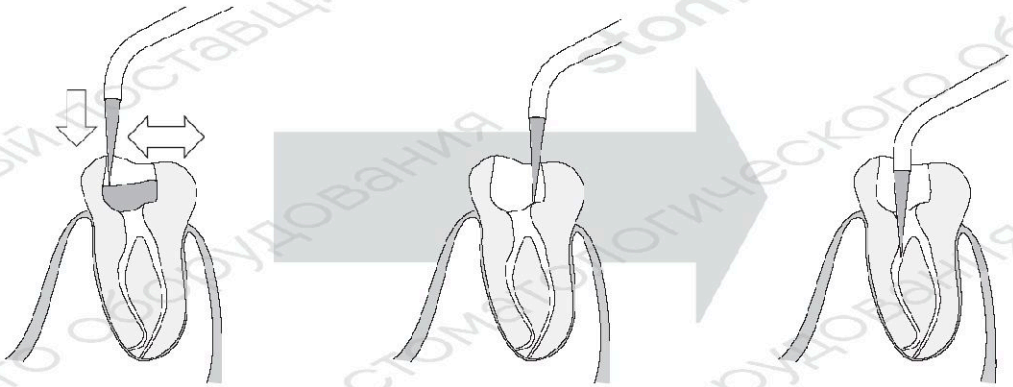
Diamond coated for high efficiency (70µm)

No need to apply pressure on the instrument

Excellent visibility thanks to conical shape

Can be used in the coronal third





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K-files (DT-011)

Preparation and cleaning of root canals



Shall be used with Endochuck 90° or 120°

5 ISO sizes (15, 20, 25, 30 & 35)

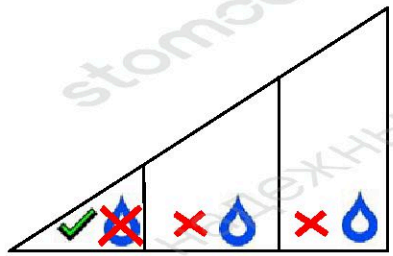
Marking should be visible (see pic.), do not use depth stop

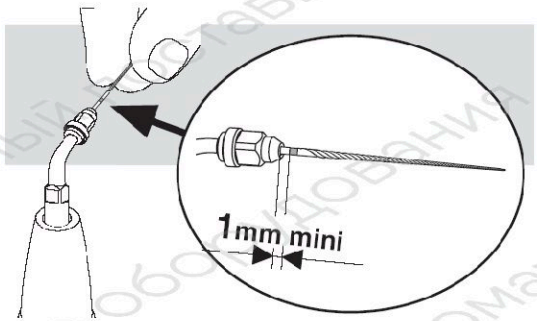
Can be pre-bent to adjust to the root canal morphology

Liquid flow should go allong the file, not atomize laterally

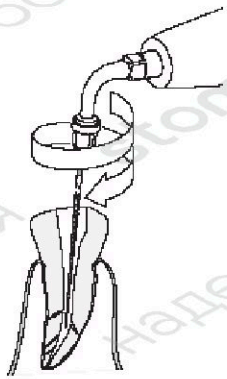
Ultrasound effects with acoustic micro-streaming and cavitation

Apply step back method (~ 4s. activation)









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EMS ELECTRO MEDICAL SYSTEMS

ESI-files (DT-069A)



Endo Soft Instrument (cleaning and irrigation of root canals)

Shall be used with Endochuck 90° or 120°

ISO 15, made of Nickel-Titanium, round safe tip

Marking on file should be visible when tightening the nut

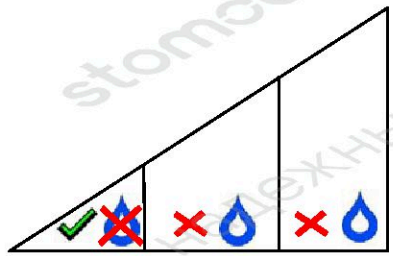
Liquid flow should go along the file, not atomize laterally

Ultrasound effects with acoustic micro-streaming and cavitation

Non-cutting file resulting in less deformation of root canals

Application: 3x 20s.

Durability: ~ 15 straight canals or 1 curved !





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Instrument H (DS-004A)



Gutta-percha Condensation Instrument

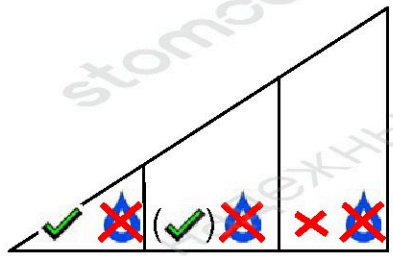
Post removal

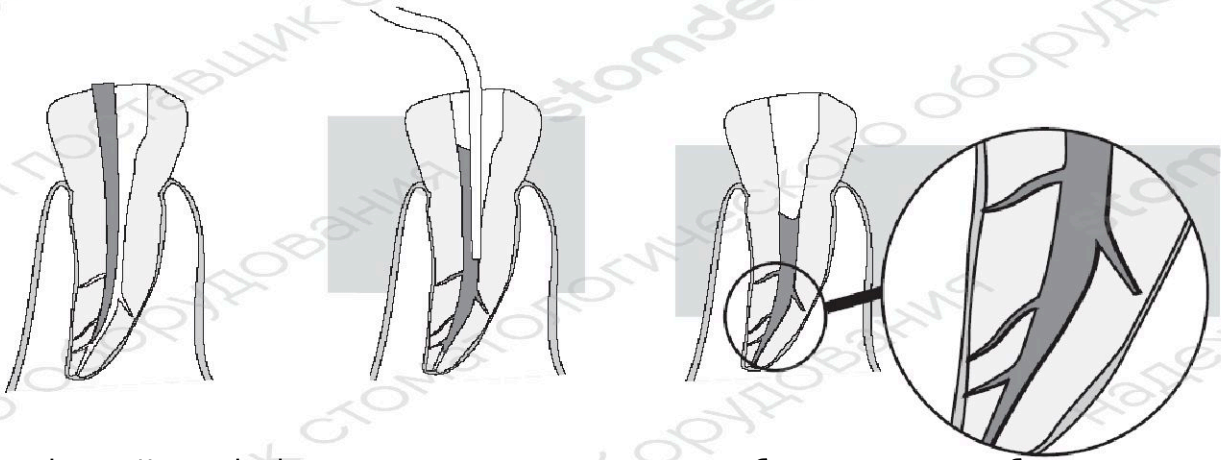
Ultrasound vibration to maximize condensation in lateral root canals, similar to a plugger (lateral condensation)

Activation time: around 2 s.

No irrigation

Work from apical





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Instrument RT2 (DS-067A)

Retreatment Instrument (Pre-Flaring)



Preparation of access for removal of broken files

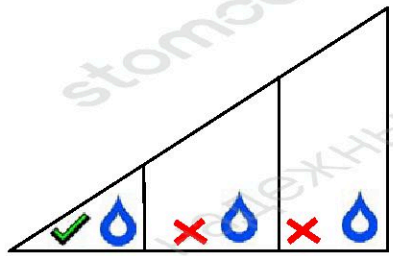
Diamond coated for high efficiency (70μm)

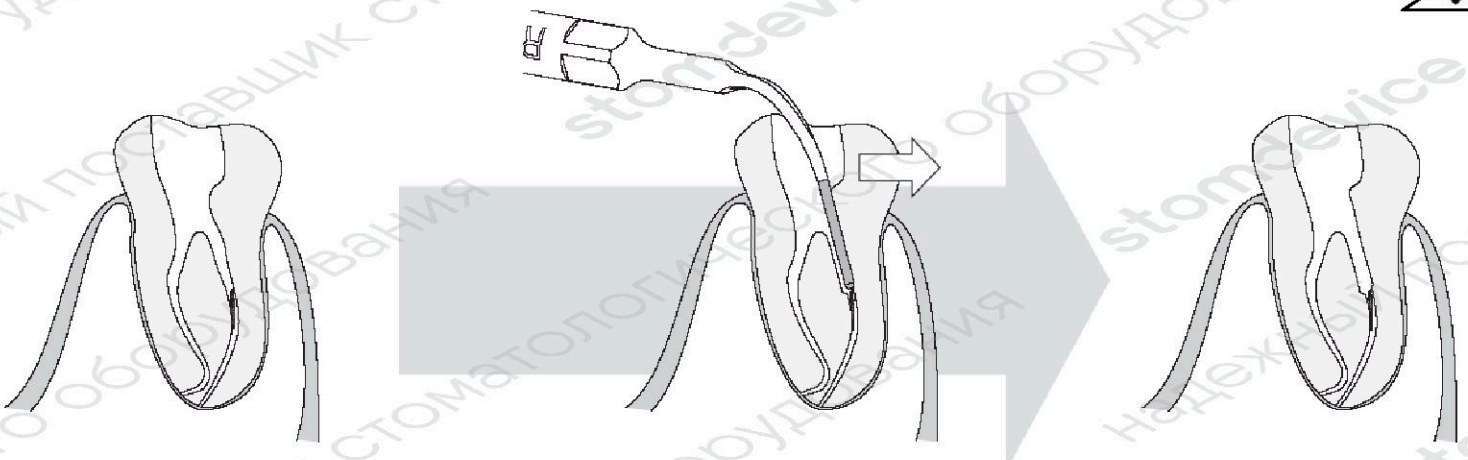
Fine cylindrical shape

No need to apply pressure on the instrument

Can be used in the middle third

Do not touch the broken file





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Instrument RT3 (DT-062)



Broken Instrument Removal

Shall be used with Endochuck 180° or 120°

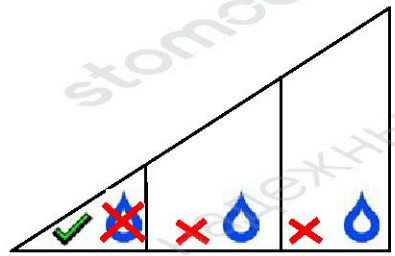
Leave 3-4mm between elbow and nut (see pic.)

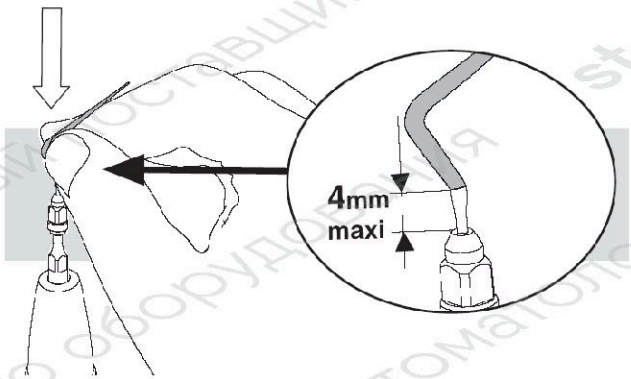
Shall be used with counterclock rotation technique

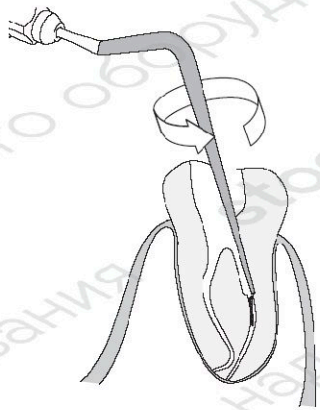
Excellent visibility thanks to the thin shaft

Titanium alloy coating for high resistance

Avoid touching the broken file







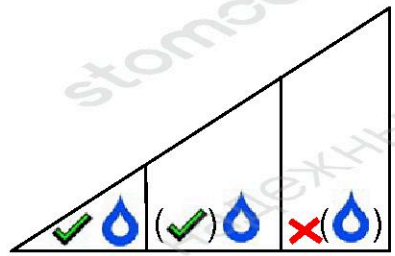
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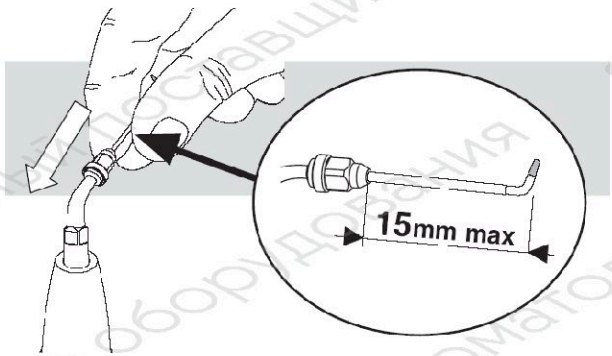
Instrument Berutti (DT-060)

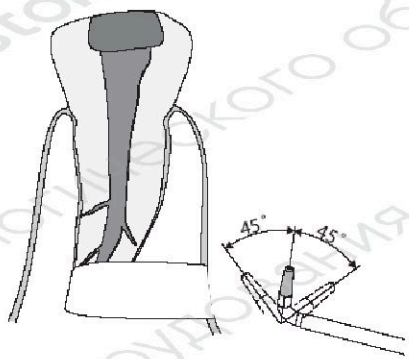
Retrograde Instrument for preparation of root canals

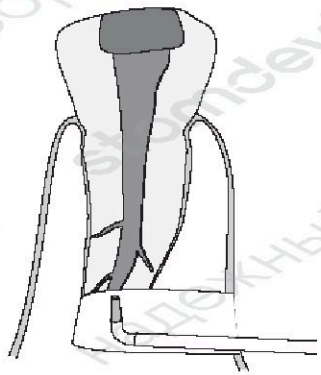


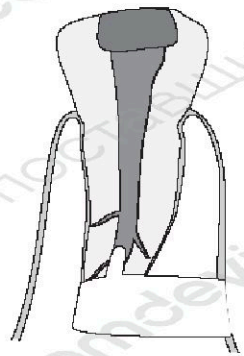
- Shall be used with Endochuck 180° or 120°
- Free length ~14-15mm (see pic.)
- Diamond coating to allow tooth removal at low ultrasound power (~40µm)
- Pre-bent instrument <u>once</u> if necessary
- Shall be used after traditional apicoectomy











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Instrument RE2 (DT-061)

Isthmus Preparation Instrument

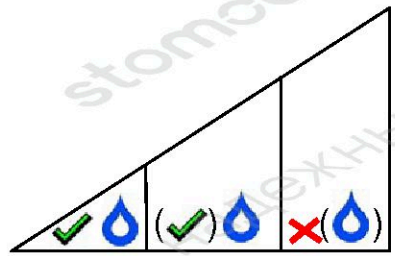


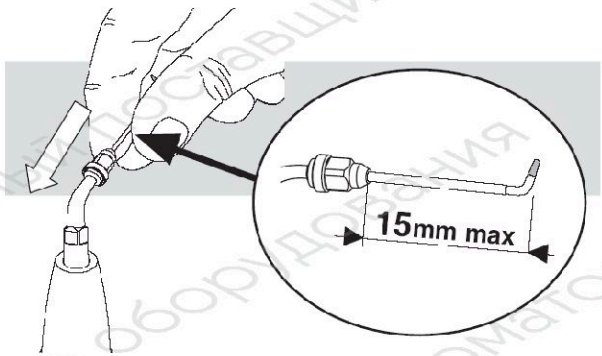
Shall be used with Endochuck 180° or 120°

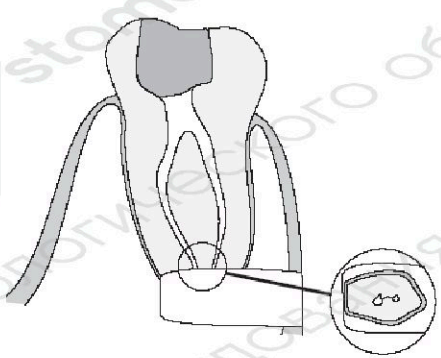
Free length ~14-15mm (see pic.)

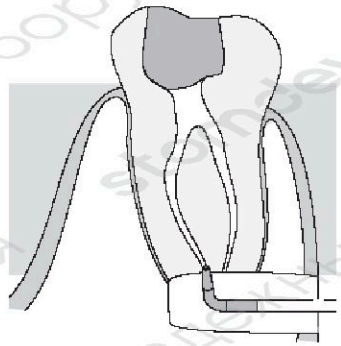
Titanium alloy coating for high resistance

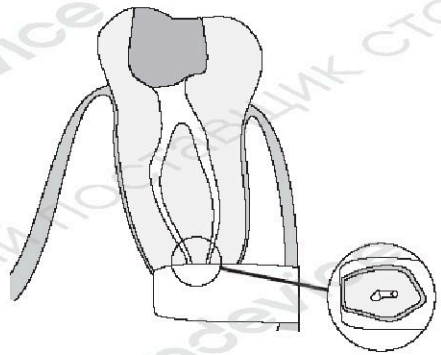
Shall be used after traditional apicoectomy











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Instrument D (DS-005A)



Bridge and Crown Removal Instrument

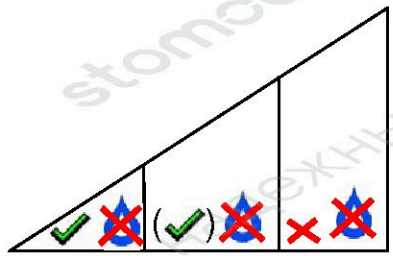
Powerfull instrument, might fracture ceramics

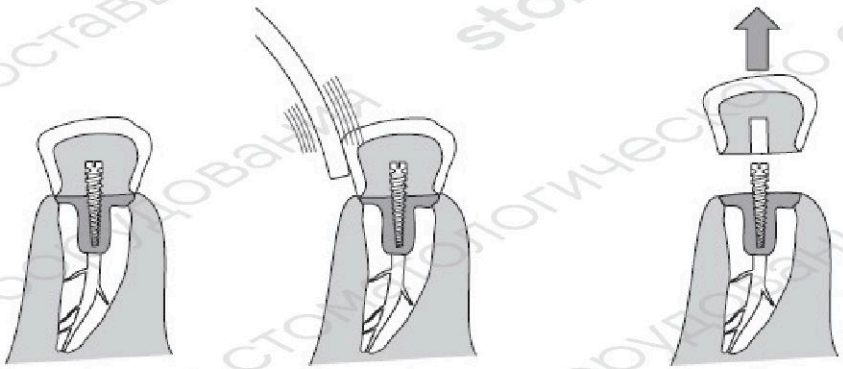
Transmit vibrations and breaks cement (only mechanical retention principle)

Do not work on adhesive bonded cements

Place instrument on metal surface

Activate ultrasound, increase pressure until no sound is audible, continue activation for 2 s.





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Restorative

Approximal cavity preparation

Cavity margin

Buccal and occlusal defects

Cleaning and enlargement of fissures

Veneer preparation

Amalgam fillings condensation

Amalgam fillings finishing

Inlays and onlays cementation

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General information

Natural diamond coated instruments (~70µm)

Designed to ensure excellent visibility

To remove enamel and dentin through oscillations

Always to be used with irrigation

Large cavity shall be prepared with a burr

Exert moderate pressure on the instrument to allow vibrations to perform

No damage to adjacent tooth with half-coated instruments

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Instrument SM/SD (DS-051A/052A)

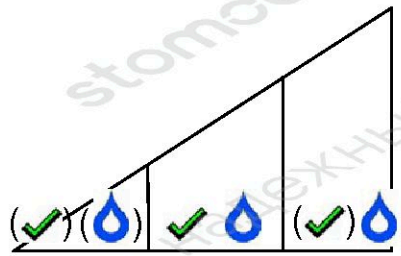
Small Mesial/Distal (approximal cavity preparation)

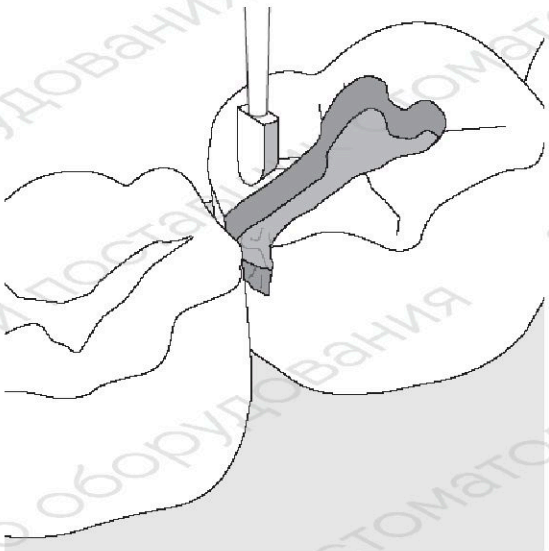


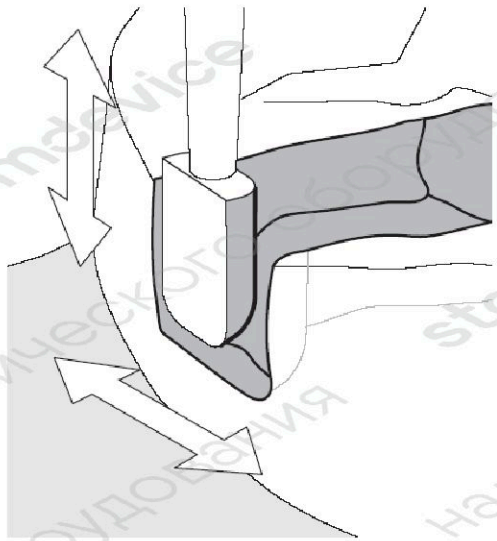
Ideal on molar teeth

Introduce from occlusal and prepare the cavity

Can be used for different filling materials







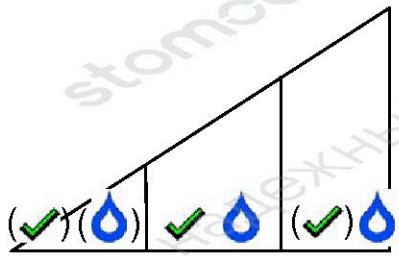
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России

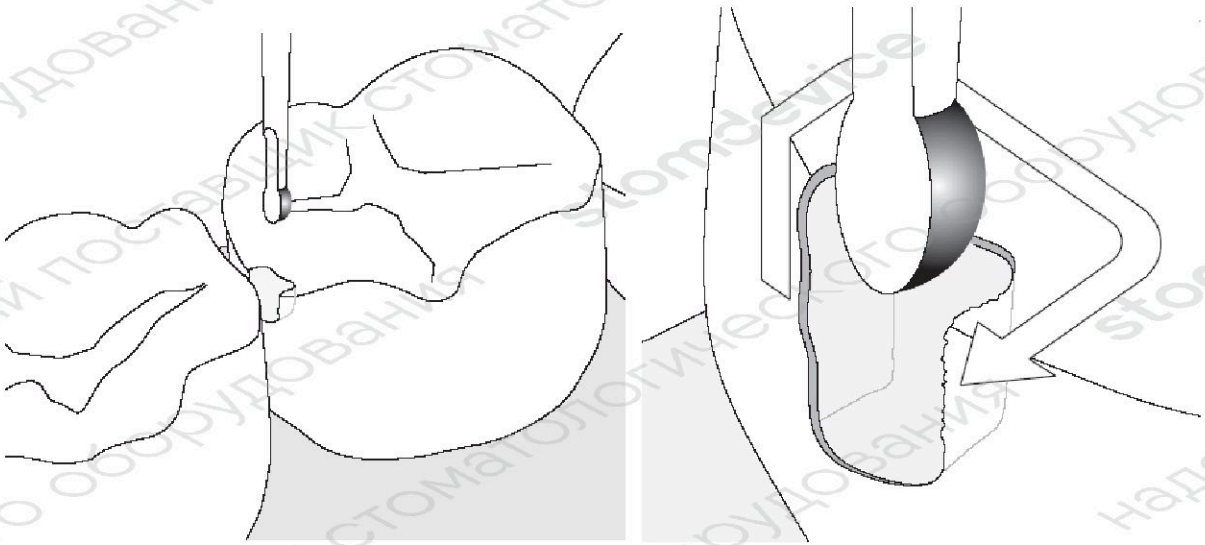
Small Ball mesial/distal (cavity margin)

Low power shall be applied

Move along the margin







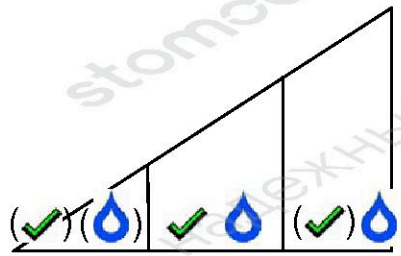
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России

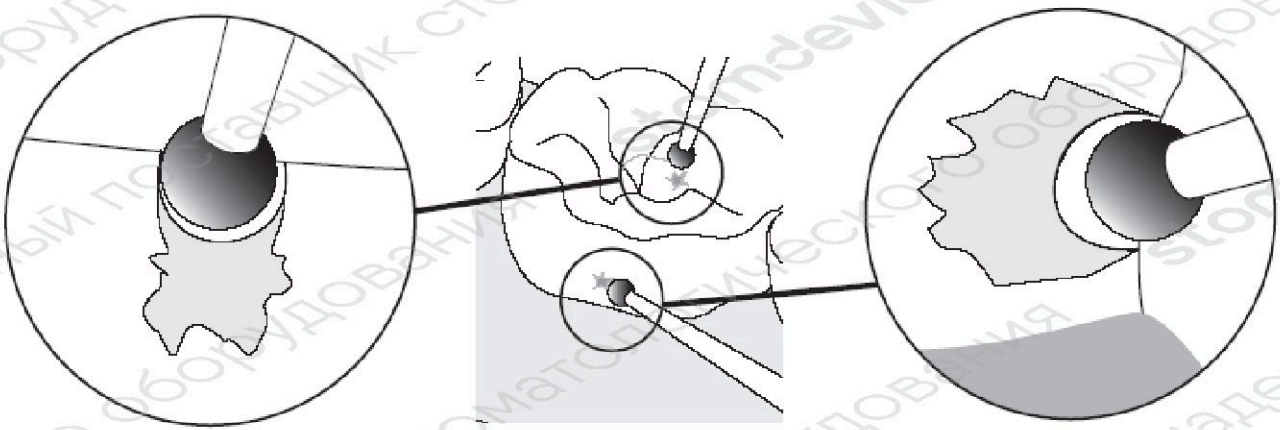
Instrument SB (DS-057A)

Small Ball (buccal and occlusal defects)

Move slowly into the defect







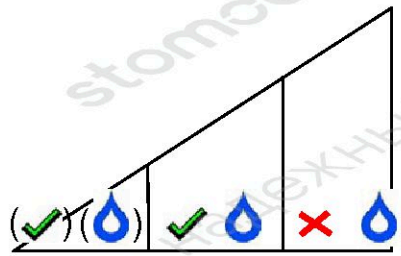
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России

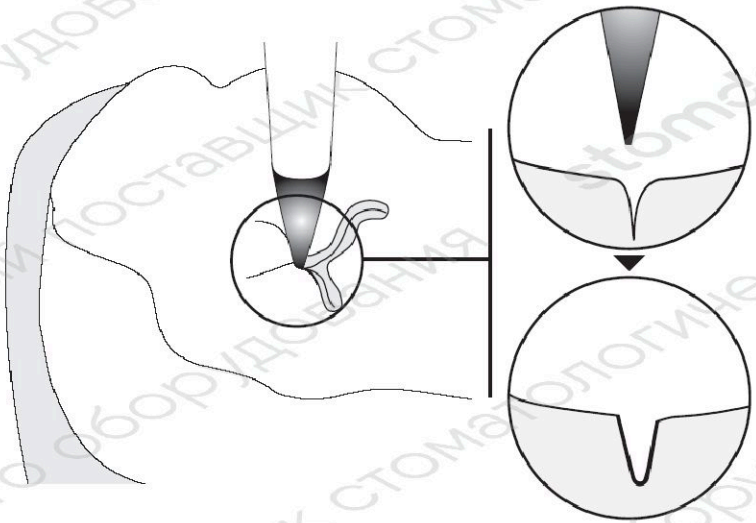
Instrument PF (DS-062A)

Pits and Fissures Preparation Instrument (cleaning and enlargement)



Move slowly with low pressure through the fissures





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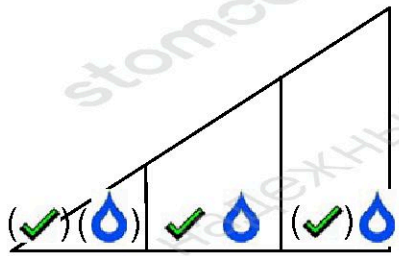
Instrument VE (DS-064A)

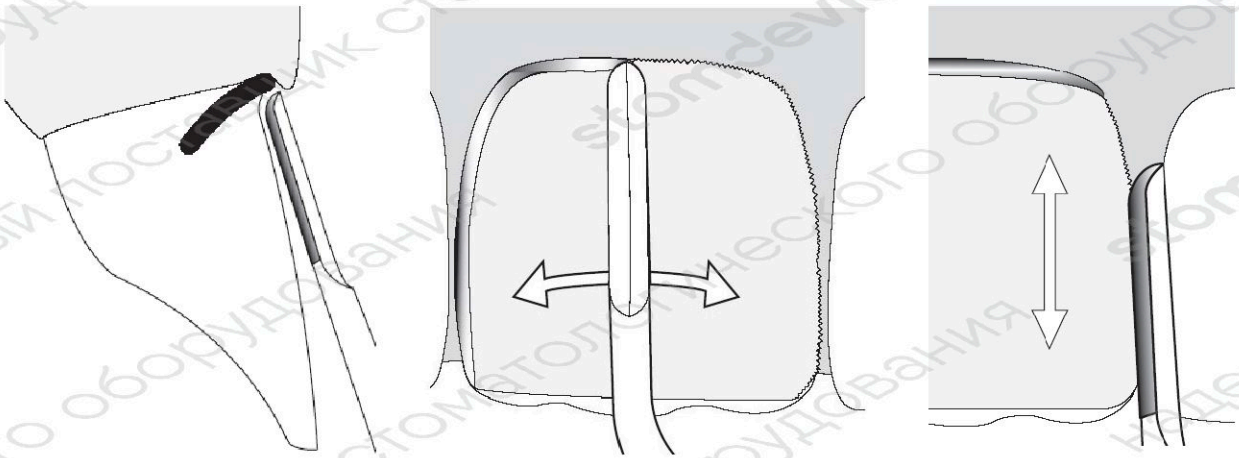
Veneer Preparation Instrument

Ideal for interproximal and gingival margins

Use medium pressure







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Condensation Instrument



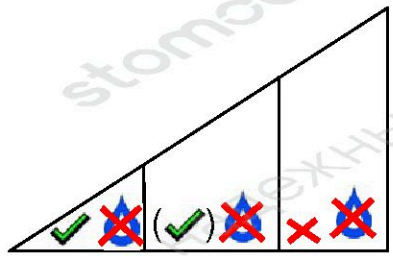
Not for metal/ceramic restorations

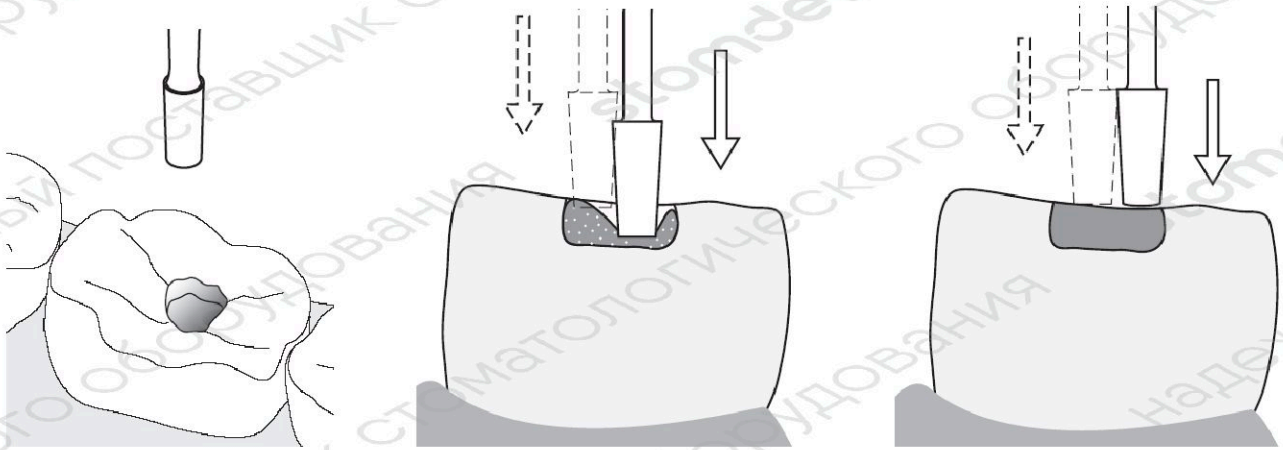
Dry amalgam mixture shall be used

For small cavities

Medium power, axis of instrument vertical to the cavity's floor

Footprints of the instrument should overlap





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Instrument F (DS-007A)



Condensation Instrument

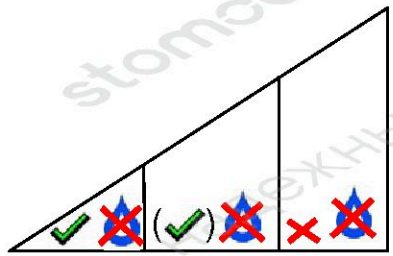
Not for metal/ceramic restorations

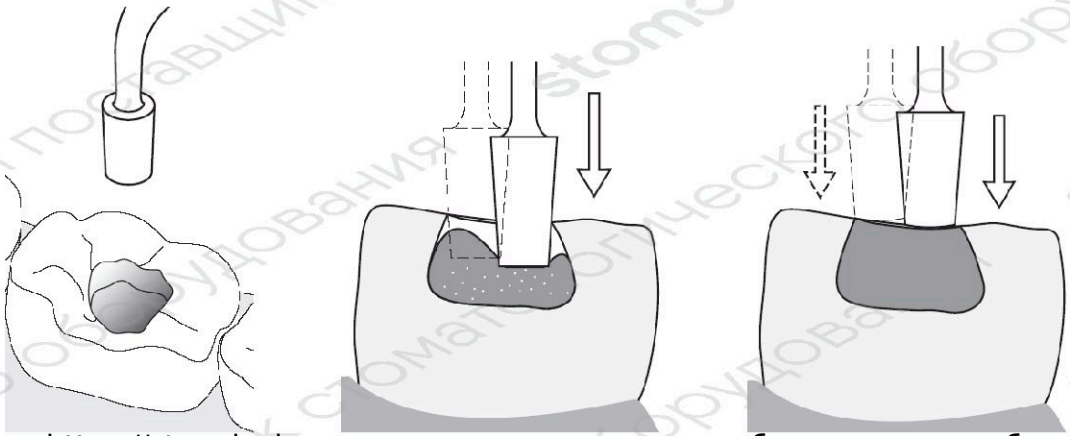
Dry amalgam mixture shall be used

For large cavities

Medium power, axis of instrument vertical to the cavity's floor

Footprints of the instrument should overlap





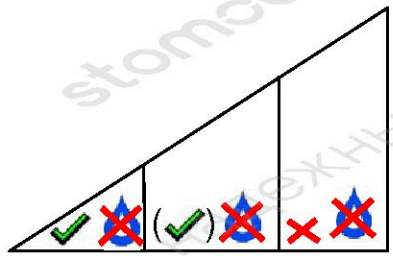
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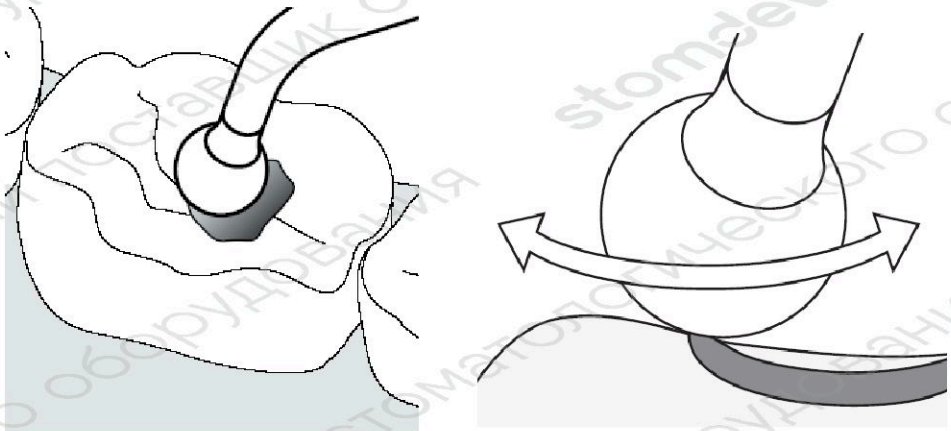
Burnisher Instrument (finishing amalgam fillings)



Use to harden and burnish the margin

Move the tip from the centre toward the margin





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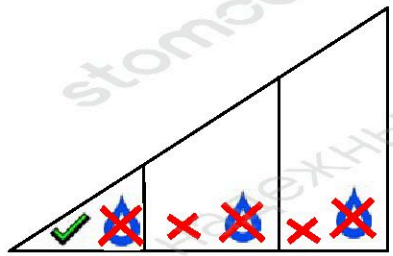
Cementation Instrument (inlays and onlays)

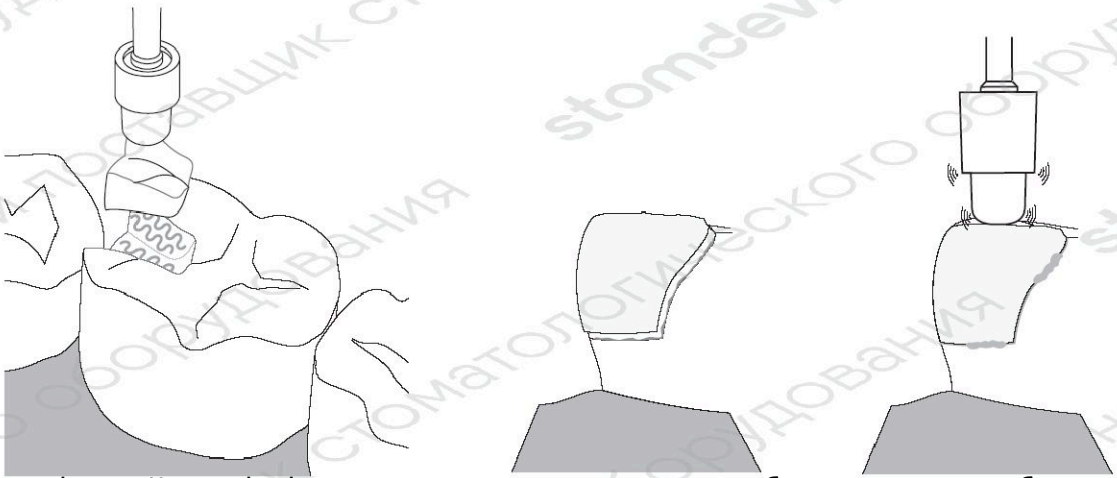
Cap: EL-063, tighten by hand

Shall be used for periods up to 3 s.

Ideal for large restorations in combination with dual-curing cements (thixotropic, liquefies with ultrasound)

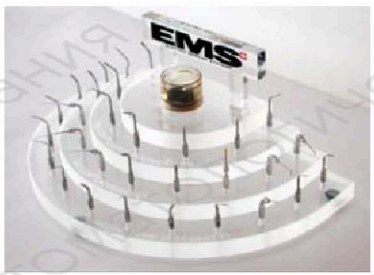
Apply instrument on inlay, onlay or veneer with minimum pressure





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1. FA-221: 16 pages brochure including Tip Card (FA-125)
2. FB-208: Operating instructions / Perio Master Systems
3. FB-209: Operating instructions / Scaling Master Systems
4. FB-210: Operating instructions / Endo Master Systems
5. FB-211: Operating instructions / Restorative Master Systems
6. FB-439: Operating instructions / Piezon Instruments (all)
7. FB-358: Reprocessing instructions
8. MC-11NA13: Instrument displayer (pyramid)
9. MC-11NA14: Instrument wallet





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EMS ELECTRO MEDICAL SYSTEMS

→ Contact

Eric Merlin

Product Manager – Dental

E.M.S. Electro Medical Systems S.A.

Ch. de la vuarpilliere 31

CH-1260 Nyon

Tel. +41 22 99 42 605

Fax. +41 22 99 42 699

e-mail: emerlin@ems-ch.com

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History

v. 1.0	October 2007	Document creation
v. 2.0	January 2009	Power/Liquid parameters updated
v. 2.1	January 2009	Small corrections, settings at a glance added
v. 2.2	Mai 2009	Manual ref. added

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ΝΟΜΙΖΕΤΕ ΟΤΙ ΕΙΜΑΣΤΕ ΑΚΡΙΒΟΙ; ΞΑΝΑΣΚΕΦΤΕΙΤΕ ΤΟ!

ORIGINAL PIEZON® METHOD



ΞΕΣΤΡΟ PS
ΚΑΤΑΛΛΗΛΟ
ΓΙΑ ΤΟ **95%**
ΤΩΝ ΕΡΓΑΣΙΩΝ
ΑΦΑΙΡΕΣΗΣ
ΠΕΤΡΑΣ

ΓΝΩΡΙΖΕΤΕ ΟΤΙ:

- ΤΑ ΑΥΘΕΝΤΙΚΑ ΞΕΣΤΡΑ EMS ΣΑΣ ΚΟΣΤΙΖΟΥΝ

ΑΠΟ **0,03 €** ΕΩΣ **0,05 €**
ΑΝΑ ΘΕΡΑΠΕΙΑ
ΔΗΛΑΔΗ ΟΣΟ ΚΑΙ ΟΙ ΑΠΟΜΙΜΗΣΕΙΣ
ΟΙ ΟΠΟΙΕΣ ΑΝΤΕΧΟΥΝ ΛΙΓΟΤΕΡΟ

- ΜΕ ΤΑ ΑΥΘΕΝΤΙΚΑ ΞΕΣΤΡΑ ΔΟΥΛΕΥΕΤΕ

ΜΕΧΡΙ ΚΑΙ **25%** ΠΙΟ ΓΡΗΓΟΡΑ
ΑΠΟ ΟΤΙ ΜΕ ΤΙΣ ΑΠΟΜΙΜΗΣΕΙΣ

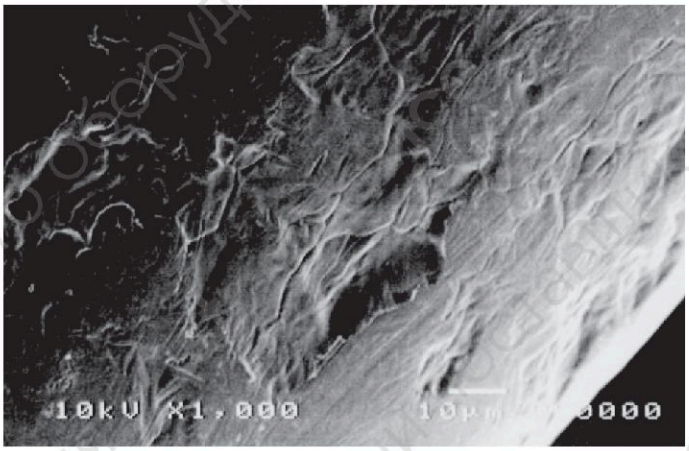
- ΜΕ ΤΑ ΑΝΤΙΓΡΑΦΑ ΤΩΝ ΞΕΣΤΡΩΝ

ΚΑΤΑΣΤΡΕΦΕΤΕ
ΤΙΣ ΓΝΗΣΙΕΣ ΧΕΙΡΟΛΑΒΕΣ ΣΑΣ

ΓΝΗΣΙΟ ΞΕΣΤΡΟ EMS



ΑΠΟΜΙΜΗΣΗ ΞΕΣΤΡΟΥ EMS



ΠΙΣΤΕΥΕΤΕ ΑΚΟΜΑ ΟΤΙ ΟΙ ΑΠΟΜΙΜΗΣΕΙΣ ΣΑΣ ΚΟΣΤΙΖΟΥΝ ΛΙΓΟΤΕΡΟ;

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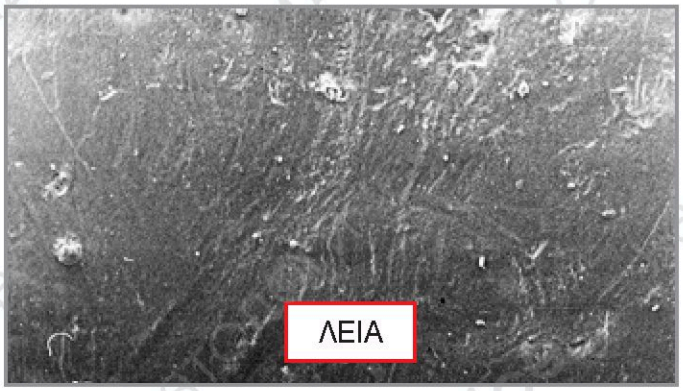
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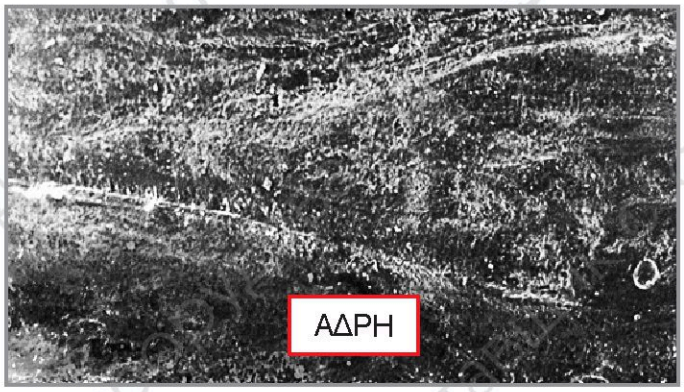
Η ΑΥΘΕΝΤΙΚΗ ΠΟΙΟΤΗΤΑ ΚΑΝΕΙ ΤΗ ΔΙΑΦΟΡΑ

ORIGINAL PIEZON® METHOD

ΕΠΙΦΑΝΕΙΑ ΔΟΝΤΙΟΥ ΕΠΕΞΕΡΓΑΣΜΕΝΗ ΜΕ ΤΗΝ ΑΥΘΕΝΤΙΚΗ ΜΕΘΟΔΟ PIEZON® ΚΑΙ ΓΝΗΣΙΟ ΞΕΣΤΡΟ EMS



ΕΠΙΦΑΝΕΙΑ ΔΟΝΤΙΟΥ ΕΠΕΞΕΡΓΑΣΜΕΝΗ ΜΕ ΑΠΟΜΙΜΗΣΗ ΞΕΣΤΡΟΥ EMS

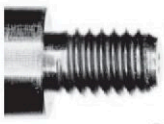


Οι απομιμήσεις δεν είναι όπως τα γενόσημα φάρμακα!

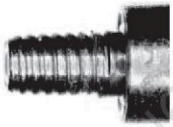
ΓΝΗΣΙΑ ΞΕΣΤΡΑ **EMS**

- Υψηλής ποιότητας χειρουργικό ατσάλι, κράματα αποκλειστικά για την **EMS**
- Σύνθετη διαδικασία κατασκευής με περισσότερα από 31 στάδια παρασκευής
- Αναπαράξιμη συμπεριφορά ταλάντωσης λόγω της μεγάλης ακρίβειας στην κατασκευή
- Εξαιρετικά ομαλή επιφάνεια, λόγω της ιδιαίτερης διαδικασίας λείανσης για μεγάλη διάρκεια των ξέστρων και γρηγορότερη θεραπεία

«ΓΙΑΤΙ Η ΑΥΘΕΝΤΙΚΗ ΠΟΙΟΤΗΤΑ ΚΑΝΕΙ ΤΗ ΔΙΑΦΟΡΑ»



Με τα γνήσια ξέστρα **EMS** η χειρολαβή λειτουργεί απρόσκοπτα για πολλά χρόνια



Οι απομιμήσεις φθείρουν το σπείρωμα μειώνοντας τη διάρκεια ζωής της χειρολαβής

ΑΠΟΜΙΜΗΣΕΙΣ

- Τα αντίγραφα είναι φτηνές απομιμήσεις των αυθεντικών ξέστρων και δεν πληρούν τα στάνταρ ποιότητας της **EMS**
- Καταστρέφουν το κούμπωμα της χειρολαβής και την αχρηστεύουν
- Η απώλεια ισχύος στο άκρο του ξέστρου μειώνει την αποτελεσματικότητα της θεραπείας και επιμηκύνει τη διάρκεια της ανεβάζοντας το κόστος της
- Η θεραπεία είναι δυσάρεστη για τον ασθενή λόγω της ανεξέλεγκτης ταλάντωσης του ξέστρου αλλά και της πίεσης που ασκείται από το χρήστη για την εξισορρόπηση της απώλειας ισχύος στο άκρο του
- Κατασκευάζονται από υλικά πιο σκληρά από την αδαμαντίνη με αποτέλεσμα να προκαλούν ανεπανόρθωτες φθορές στην επιφάνεια του δοντιού καθιστώντας τη θεραπεία επίπονη για τον ασθενή
- Η χρήση απομιμήσεων ακυρώνει την εγγύηση καλής λειτουργίας της συσκευής του κατασκευαστή

«ΓΙΑΤΙ ΤΟ ΦΤΗΝΟ ΜΠΟΡΕΙ ΤΕΛΙΚΑ ΝΑ ΕΙΝΑΙ ΑΚΡΙΒΟ»

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