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X-Smart IQ®

Redefining the Endo Experience

THE DENTAL SOLUTIONS COMPANY™

Dentsply Sirona

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Redefining the Endo Experience

The X-Smart IQ® handpiece is a continuous and reciprocating cordless motor controlled by an Apple® iOS® application.



Full-Treatment Solution that supports you through every step of your endodontic process – from patient education to treatment data.



Digital Ecosystem through a custom iOS app for synchronization of future products and immediate updates.



Portability and Freedom of Movement in the operatory with an ergonomically-designed cordless handpiece.

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Full-Treatment Solution

Seamlessly combining the convenience of a cordless motor with the ease of use and intelligence of an iOS® app, the X-Smart IQ® handpiece redefines the endo experience at every step of your procedure.

1 Pretreatment

Engage and Educate Patients

- If your patients have questions, help address and ease their concerns with the interactive app. Using the tablet makes it easy to engage with patients and educate them about the procedure.

2 Treatment

Flow through your sequence with peace of mind.

- The X-Smart IQ® handpiece lets you flow through your file sequence with comfort, control and peace of mind. Within the iOS® app, select a pre-set Dentsply Sirona file sequence for ease and simplicity. Or, create your own file sequence and save your customized settings for future use. And, if your sequence calls for it, you can quickly switch from reciprocating to continuous motion.

3 Post Treatment

Treatment Data Capture and Transfer

- Capture treatment notes including, tooth number, working length, last file used, obturation, and notes for a specific patient. Transfer your treatment report to your patient file.

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Digital Ecosystem

With app-based technology, the X-Smart IQ® handpiece is designed to grow with your practice. Stay up-to-date with new features, easily connect with future products and create customizable treatment plans based on your technique.



X-Smart IQ handpiece offers the same torque and power as a tabletop motor for the pre-set files. Select a pre-programmed Dentsply Sirona file sequence or easily create and save your own custom settings.

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Feel safe with the powerful capabilities of an iOS® app.

- Instant torque level indication: visual and audible sound
- Auto-reverse function available in continuous and reciprocating motion
- Calibration function (CAL) for more precise torque settings
- Graph showing real-time torque applied to each file over time
- RTTM™ Technology (Real-Time Torque Monitoring)





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Portability and Freedom of Movement

Slim, well-balanced and cordless, the X-Smart IQ® handpiece sets the new standard in ergonomics and user experience.



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*A treatment is defined as 2 canals with 4 files per canal used for 30 seconds each.

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Technical Specifications

Motor and Contra Angle

- Bluetooth® memory function
  If the Bluetooth connection is lost, the X-Smart IQ® motor can still function under the last motor settings used.
- Stand-alone function
  Using the X-Smart IQ application, the motor can be set to run solely with reciprocating or continuous* settings without the iPad mini™ to control it.
- Reciprocating and rotary motions
- Calibration function (CAL) for more precise torque setting
- Sensitive touch START/STOP button
- Auto-reverse rotation at preset torque limit (in both motions)
- Lithium-ion battery
  - Autonomy for 16 treatments*
  - Full recharge in 6 hours
  - Automatic sleep mode and auto-power off
  - Motor handpiece is rechargeable during treatment
- Torque range: 0.5Ncm – 5Ncm
  (depending on maximum speed)
- Speed range: 250rpm – 850rpm
- Contra Angle autoclavable at 134°C
- Universal charger (voltage 110-240, 50Hz/60Hz)

*A treatment is defined as 2 canals with 4 files per canal used for 30 seconds each.

X-Smart IQ Application

- Includes file library with preset programs for WaveOne® Gold, ProTaper Gold®, ProTaper® Universal, ProTaper® Universal Retreatment, ProTaper NEXT®, TRUShape®, Vortex®, Vortex Blue®, GT®, ProFile®, PathFile®, ProGlider,® Lexicon® files
- Customizable file library and compatible with other shaping systems
- Can control 2 handpieces for 4-hand technique
- Possibility to set-up multiple users
- Compatible with iOS® 9+

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Endodontic Handpiece Set Ref: XSIQEM1HPS

Set contains:
- X-Smart IQ® Motor Handpiece
- X-Smart IQ 6:1 Contra Angle
- X-Smart IQ Getting Started Guide

Basic Starter Kit Ref: XSIQEM1BSK

Kit contains:
- X-Smart IQ Motor Handpiece
- X-Smart IQ 6:1 Contra Angle
- X-Smart IQ iPad® Stand
- X-Smart IQ Getting Started Guide
- X-Smart IQ Handpiece Sleeve

(handpiece sleeves are included, but not the iPad sleeves.)

Spare Parts

XSIQEM1BSK	X-Smart IQ Basic Starter Kit
XSIQEM1HPS	X-Smart IQ Endodontic Handpiece Set
XSIQCA	X-Smart IQ 6:1 Contra Angle
XSIQCAMA	X-Smart IQ Contra Angle Cleaning Adapter
XSIQEM1HS	X-Smart IQ Handpiece Support and Case
XSIQEM1CH	X-Smart IQ Universal Charger Kit
XSIQEM1SL	X-Smart IQ Handpiece Sleeve (500 sleeves)
XSIQCASA	X-Smart IQ Spray Nozzle
T00IQ00STA000	Endo IQ iPad® Stand
T00IQ00129BAR	X-Smart IQ Disposable Polyethylene Barrier Sleeve—12.9" iPad® Pro
T00IQ00105BAR	X-Smart IQ Disposable Polyethylene Barrier Sleeve—10.5" iPad® Pro
T00IQ00097BAR	X-Smart IQ Disposable Polyethylene Barrier Sleeve—iPad®
T00IQ00079BAR	X-Smart IQ Disposable Polyethylene Barrier Sleeve—12.9" iPad mini™ 4

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Call your Dentsply Sirona Endodontic Representative for more information.

1-800-662-1202

Or visit us at dentsplysirona.com/X-SmartIQ to find out more.

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