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Intraoral X-ray with HELIODENT *Vario*.



HELIODENT *Vario*

Flexibility of Installation Concepts

The Dental Company

sirona.

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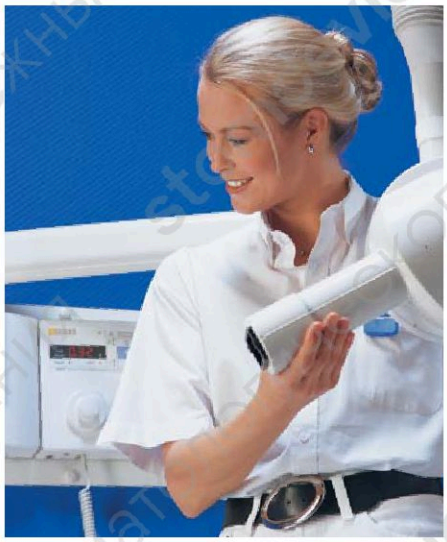


Intraoral radiography is an indispensable tool in dental diagnostics. For decades, HELIODENT X-ray systems have been setting the standards in this field – the evidence lies in the over 100,000 units already installed worldwide. With its outstanding image quality and easy handling, the HELIODENT *Vario* maintains the impressive track record established by the HELIODENT range – including the usual attractive design features.

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Freedom for individualists: HELIODENT *Vario* – flexible and reliable



Variable configurations

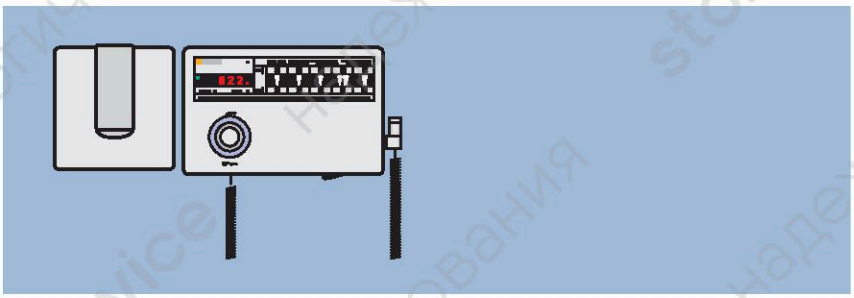
As its name implies, the HELIODENT *Vario* offers outstanding variability in terms of configuration and installation. The wall-mounted configuration of the HELIODENT *Vario* offers you the choice of three support arm lengths and three control options (split concept). In other words, you can decide whether the support arm is mounted to the left or right of the timer. You can also choose between three horizontal arm lengths. 8" or 12" cone length, with or without a beam limiting device.

The split concept

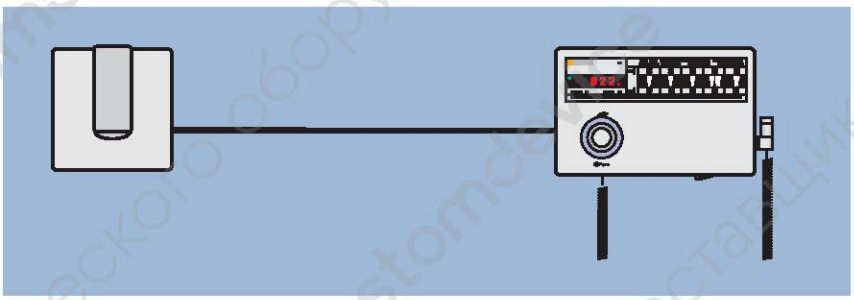
The flexibility of the HELIODENT *Vario* also extends to the controls. The tube head and the timer can be installed in accordance with your specific practice requirements and working methods. The remote timer is included in the basic HELIODENT *Vario* configuration and can be mounted up to 15 metres away from the tube head. You also have the option of installing a separate remote control release button in addition to the tube and the remote timer.

HELIODENT *Vario*
The benefits in brief

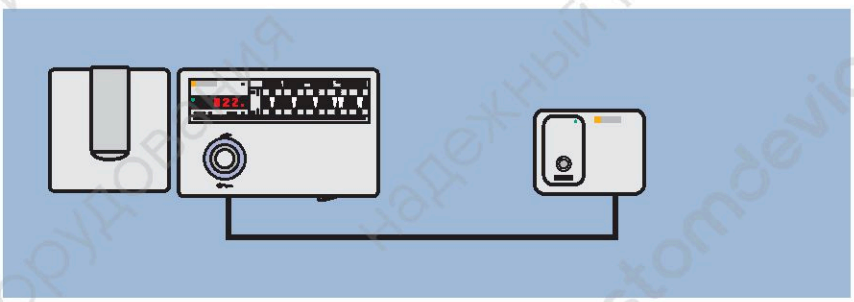
- **Outstanding image quality**
- **Optimum exposure voltage:**
  Internationally established 70 kV
- **Film-based or digital**
  Broad exposure range: 0.03–3.2 s
- **Simple positioning**
  Flexible, stable support arm with wide operating radius
- **Easy operation**
  Exposure table with patient and tooth symbols, digital indication of exposure time
- **Variable configuration and installation:**
  3 support arms
  (161 cm, 180 cm or 200 cm)
  2 cone lengths
  (8"/20 cm or optional 12"/30 cm)
  Beam limiting device optional
- **Split concept:**
  Compact version, remote timer or remote control release button (optional)



Compact version



Remote timer



Remote control (release button)

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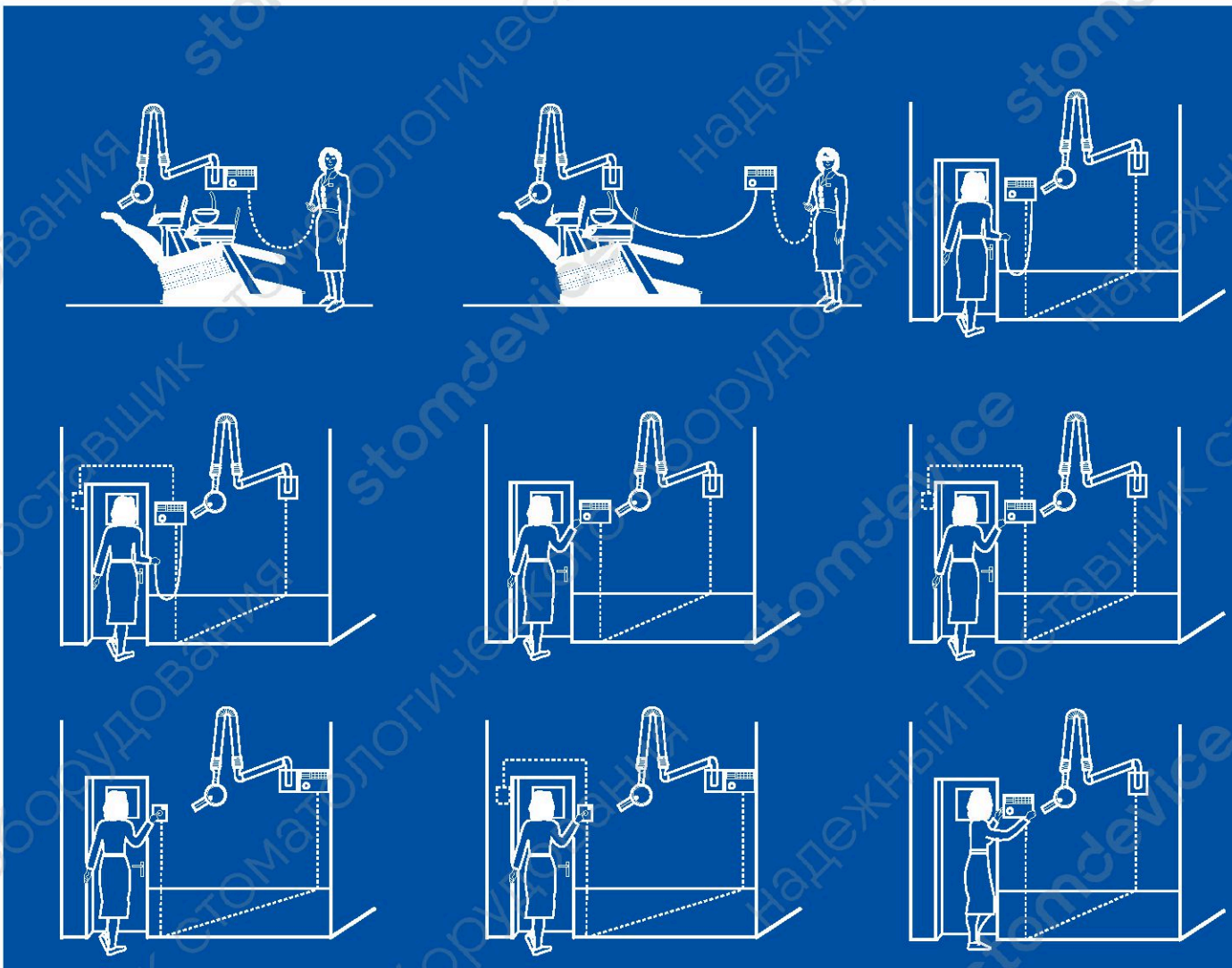
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HELIODENT *Vario*: Individual installation options

Whether an all-in-one configuration in the treatment room or spread across several rooms – the HELIODENT *Vario* adapts to your specific requirements. For instance, the remote timer can be combined with an additional door contact. You also have the choice of several different control release options: via a coiled cable, via one or two push buttons on the remote timer, or via a push button on the remote control unit. Your Sirona dealer will be glad to tell you how to utilize the many benefits of the HELIODENT *Vario* in your dental practice.



Optional: Remote control (release button)



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HELIODENT *Vario*: Select, expose and diagnose!

The HELIODENT Vario operates with an exposure voltage of 70 kV. This low voltage level has become the established international standard for film-based as well as digital X-ray. The range of exposure times (0.03–3.2 s) covers the entire spectrum of film and sensor speeds.

The exposure times on the HELIODENT *Vario* are selected with the aid of a single control knob. Finding the right setting could not be simpler, thanks to the exposure table with easy-to-understand tooth and patient symbols.

You can convert directly to the digital radiography mode at the touch of a button.

An easy-to-operate system saves time and enhances reliability. Thanks to its stable support arm, the HELIODENT *Vario* is quick and easy to position. In the right-angle technique, the optional beam-limiting device restricts the exposed skin surface to 3 x 4 cm and thus minimizes the radiation dose. The HELIODENT *Vario* is easy to operate, thus effectively eliminating poor quality images and repeated exposures.





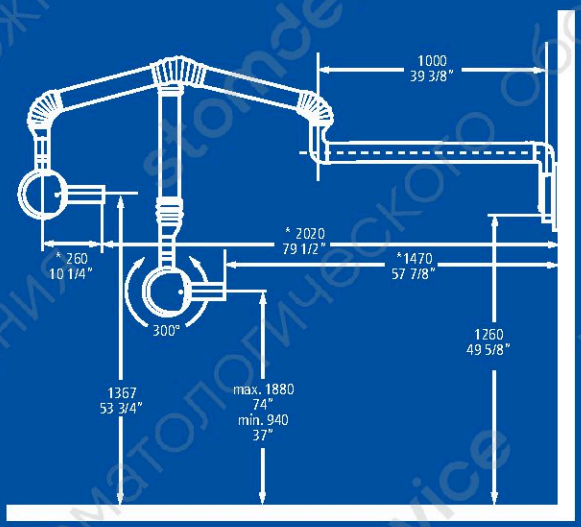
Conventional image samples taken with the HELIODENT Vario



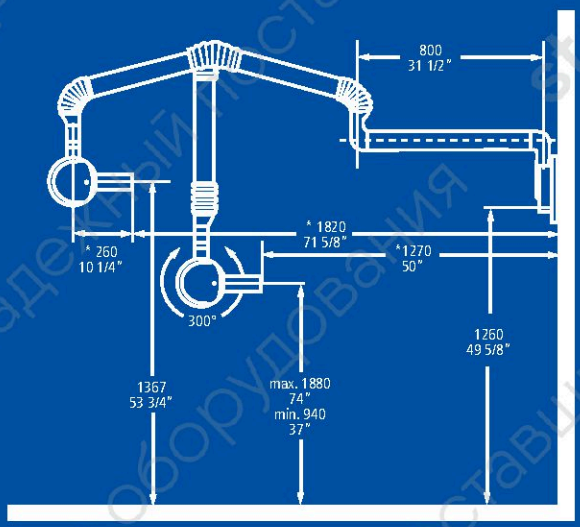
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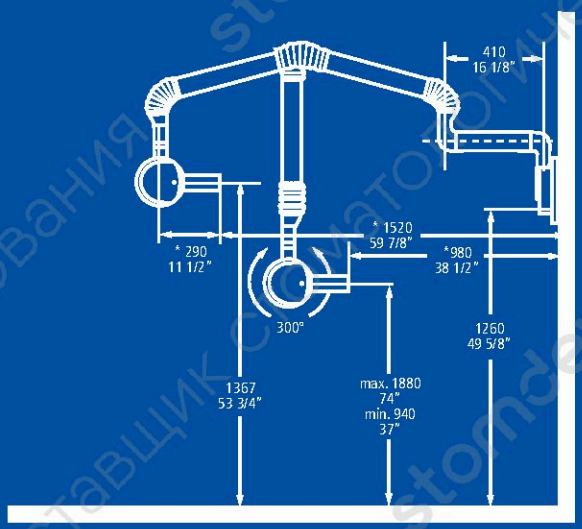
HELIODENT *Vario* with extra long support arm XL



HELIODENT *Vario* with long support arm L



HELIODENT *Vario* with short support arm M



HELIODENT *Vario*: Technical data

X-ray tube	OX/70-P
Focal spot	0.8 mm (IEC 336)
Total filter	min. 2 mm AL
Exposure voltage	70 kVp
Exposure current	7 mA
Power requirement	1.2 kW
Fuse	16 A (slow blowing)
Exposure time	0.03/0.04–3.2 s
Power connection	220/230/240 V, 50–60 Hz ± 10 %
Permissible line	
voltage fluctuations	100/110/120 V, 50/60 Hz ± 10 %
Focal length cone	
Standard	20 cm/8"
Optional	30 cm/12"

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Subject to technical changes
and errors in the text.
Order No. A91100-M47-A866-01-7600
Printed in Germany, Dispo No. 04602
2013C9465 WS 1205X.

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