

NEW



**IntraOs 70**

**BLUEX**

# IntraOs 70

*simple, reliable, durable*

**IntraOs 70** is a traditional dental X-ray equipment designed to face the most demanding needs of the dental profession both when using traditional films and digital imaging receptors.

Main feature of the system is the great energy offering obtained by combining the voltage potential of 70 kVp and the anodic current of 7 mA with a wide range of exposure times, from 60 ms to 3.2 s. The penetration power of the radiation beam at 70 kVp grants sharp images with good radiographic contrast for optimal detail perception:

The microprocessor in the timer assures consistent film blackening in a wide range of operating conditions, day after day, years after years: high diagnostic quality

## TECHNICAL DATA

### Tube Head

- Type: Grid-Control Action
- Mains Voltage: 120/230 VAC, 50/60 Hz
- High Voltage Potential: 70 kVp
- Anodic Current: 7 mA
- Focal Spot: 0.8 IEC 336/1982
- Duty Cycle: 1/30
- Inherent Filtration:  $\geq 2.5$  mm Al
- Focus Skin Distance: 21 cm
- Round collimator: Output Radiation Field  $\varnothing 6$  cm
- Rectangular Collimator (optional): Output Radiation Field 3.2x4.2 cm
- Weight: 6.5 kg



Available configurations include wall mounted solutions, with short, medium, or long support arms for useful reach up to 188 cm, or mobile.

The **AutoSet** timer has a flat keyboard and is microprocessor controlled. It features automatic setting of exposure time from 60 ms to 3,2 s through object programmed selection according to tooth type and patient size; manual override (plus or minus) if required; digital display of selected values; dose reduction for digital receptors; pre-setting of film sensitivity is required; automatic correction for mains voltage fluctuations selectable on request; full protection against tube over-heating with accurate cool-down procedure for minimum waiting time; improved safety features with selective alarm messages and back-up timer.

### Mechanical System

The wall mounted support system includes:

- Wall adaptor: width 12 cm (4.72"), height 24 cm (9.45"), depth 9 cm (3.54")
- Support arm: Short 30 cm (11.8"), Medium 60 cm (23.6"), Long 80cm (31.5")
- Scissor arm; useful reach of 138 cm (54.3") with Short support arm, 168 cm (66.1") with Medium support arm, 188 cm (74") with Long support arm

The **mobile** support s composed of:

- Mobile stand: width 74 cm (29"), depth 62 cm (24"½), height 107 cm (42"), total height with folding arm 165 cm (65").
- Scissor Arm



### Timer AutoSet

- Mains: 115/230 VAC, 50/60 Hz
- Microprocessor controlled functionality.
- Zero-crossing power switching
- Automatic setting of exposure time by object selection
- Manual setting of exposure time from 60 ms to 3.2 s (plus or minus, 18 steps)
- Child or Adult patient selection
- "Low dose" setting for digital receptors
- Hand-switch provided with 3 m coiled cord
- Automatic correction for mains fluctuations selectable on request
- Back-up Timer
- Timer and hand-switch can be remotely mounted
- Dimensions: 15 cm width, 24 cm height, 9 cm depth

# BLUEX



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