PHILIPS

DuraDiagnost F30

Digital radiography

Release 1.1

Trustworthy DR

Key advantages

- Easy-to-use
- Diagnostic confidence
- World class experience
- Latest IT standards

Budgetary considerations may vary, but the need for quality never does. Philips DuraDiagnost F30* is easy to use and delivers functionality essential for general radiography examinations. Designed for improved workflow and long lasting durability, DuraDiagnost F30 is a truly smart investment.

*Philips DuraDiagnost F30 is not available for sales in North America

Confidence in quality an

DuraDiagnost F30* provides ease of entry into the world of digital radiography with a price to performance ratio that's hard to beat. DuraDiagnost F30 helps simplify the path to clinical decision-making, improves outcomes for patients, and reduces your imaging department burden.

Easy-to-use

Easy digital workflow

DuraDiagnost F30's digital workflow eliminates time consuming cassette-based imaging procedures, giving you fast, high quality images immediately on your Eleva workstation. With its intuitive user interface, Eleva requires only three clicks to complete an X-ray exam. Operating on Windows 10, DuraDiagnost comes equipped with the latest IT standards, for a durable and reliable performance.

Easy clinical excellence

The DuraDiagnost F30 gives you the flexibility needed for general clinical applications with our latest generation of wireless/fixed detectors, which provide high image quality by excellent dose efficiency, on the vertical stand, or for free exposure. A short installation time and upgraded optional remote services adds to a high system uptime.

Easy learning

Clinical application training on the DuraDiagnost F30 has never been easier. It includes a self-guided learning tool so your staff and colleagues can study and test via quiz at their own pace, on their own schedule.

Diagnostic confidence

DuraDiagnost F30's dependable digital imaging chain delivers high-quality, low dose, virtually distortion-free images time after time. Plus, Philips UNIQUE 2 image processing uses next generation image processing software to provide superb images of all anatomical areas. UNIQUE 2 improves clinical image quality by providing selective enhancement of tiny details, increased contrast, and reduced background clutter.

World class experience

Philips DuraDiagnost F30 offers the quality, reliability, and excellence of a world-class brand. Philips has been a pioneer in both traditional X-Ray (over 120 years of experience) and Digital Radiography (more than 20 years of experience). Today, there are currently more than 10,000 Philips DR systems installed worldwide with many systems still in service over 20 years.

Philips takes pride in not only providing the excellent clinical solutions to customers, but also providing the very best support over the whole life cycle.

nd diagnoses

❝ The Eleva interface is great.
It enables our radiographers
to concentrate on the patients
instead of the technology."

Dr. Marius Enescu, Orthopedic surgeon, MEDSTAR 2000 in Constanta, Romania

DuraDiagnost F30 has something for everyone

Radiographer

3 clicks to acquisition

Self-guided learning

Radiologist

Digital image quality

Fast image availability

Administrator

Total cost of ownership

Proven quality

Patient

Smooth, fast exams

Minimal dose

Specifications

Radiographic table

Radiographic table with floating tabletop, removable grid and 3 AEC measuring chambers

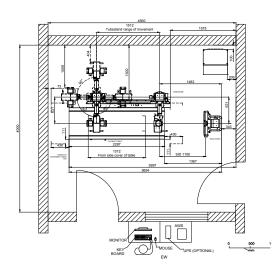|	
Table height	61.65 cm (24.3")
Tabletop dimensions	229 cm × 75.5 cm (90.2" x 29.7")
Tabletop travel range	longitudinal: ± 43 cm (16.9") (center to left and right 43 cm (16.9")) transverse: ± 11.1cm (4.4") (center to left and right 11.1 cm (4.4"))
Max. patient load	200 kg (441 lb)

Vertical stand with detector unit

Vertical stand total height	226 cm (89.0")
Vertical movement range	135 cm (35.1")
Minimum detector center distance to the ground	45.7 cm (18")

X-ray tube floor stand

Stand with tube and collimator

Tube stand total height	226 cm (89")
Vertical travel range	125.5 cm (49.4")
Rotation of tube around vertical axis (option)	–90° to +180°
X-ray tube rotation	+/– 120°

Generator

Main voltage	380–415V (±10%), 50/60 Hz, 3-phase
Output	50 kW

X-ray tube assembly

X-ray tube	E7252X
Nominal voltage	150 kV
Focal spot, nominal	0.6/1.2 mm

Eleva workspot

Hard disk	480 GB SSD total
Image storage	Typically around 10,000 images
Operating System	Windows 10
RAM storage capacity	16 GB
Monitor	19" LCD color monitor
CD/DVD drive	24x CD reader/writer 8x DVD reader/writer
Matrix depth	16 bit/pixel

SkyPlate E detector

Type	Digital wireless flat detector
Scintillator	Cesium Iodide (CsI)
Detector size	35 cm x 43 cm (approx 14" x 17")
Active area	34.5 x 42.5 (13.6" x 16.7")
Image matrix size	2,156 x 2,653 pixels
Pixel size	160 µm
Detector pixels	5.7 Megapixel
A/D conversion (bits)	16 bits
Weight (incl. battery)	3.1 kg (6.8 lb)

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How to reach us
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