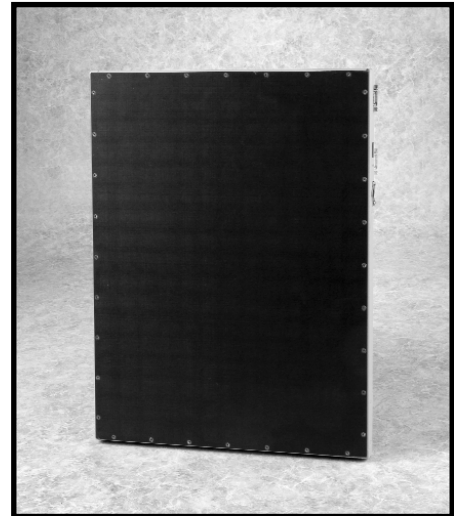
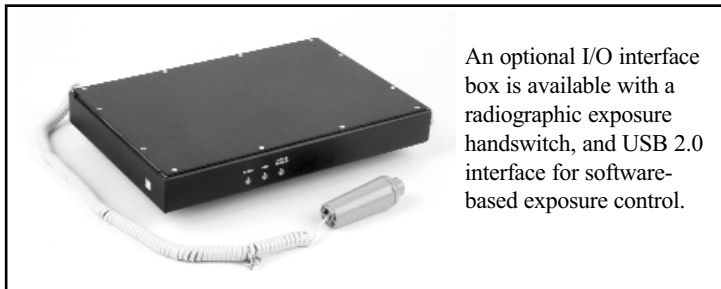


Product Description

The PaxScan[®] 4030E is a digital X-ray imaging system designed for high-speed radiographic imaging in the field. Based upon the new Gigabit Ethernet interface, images are displayed instantaneously on a user-supplied PC running Varian ViVA[™] application software.



Technical Specifications

| | | | |
|----------------------------------|-------------------------|-------------------------------------|---|
| Receptor Type | Amorphous Silicon | Software | Varian ViVA [™] application software for image correction, viewing, image mosaic, and calibration. Includes file type translators for .viv, .raw, .jpg, and .bmp file formats. Windows [®] XP compatible. |
| Conversion Screen | DRZ Plus | Environmental | Temperature Range - Operating |
| Pixel Area | Total | 29.3 x 40.6 cm (11.5 in. x 16.0 in) | 10°C to 35°C (max.) |
| | Active | 29.1 x 40.5 cm (11.5 in. x 16.0 in) | (Ambient) - Storage |
| Pixel Matrix | Total | 2,304 (h) x 3,200 (v) | Humidity |
| | Active | 2,304 (h) x 3,200 (v) | 10 to 90% |
| Pixel Pitch | 127 μm | Storage (non-condensing) | 10 to 90% |
| Limiting Resolution | 3.94 lp/mm | Regulatory | |
| DQE (with DRZ Plus) | > 30% | U.S. | UL60601-1 |
| MTF, X-Ray (with DRZ Plus) | >45% (1 lp/mm) | Canada | CSA 22.2 No.601.1-M90 |
| Energy Range | 40 - 150 kVp | Mechanical | |
| Fill Factor | 57% | Size | 45.0 x 33.7 x 3.4 cm |
| Contrast Ratio | Large Area (12 cm): <2% | | (17.7 x 13.3 x 1.3 in.) |
| | Small Area (1 cm): <10% | Weight | 12.3 kg (27 lb.) approx. |
| Scan Method | Progressive | Housing Material | Aluminum |
| A/D Conversion | 14-bits | Sensor Protection Material | Carbon fiber plate (2.5 mm thick) and aluminum |
| Frame Rate | 3 fps (1 x 1) | Power | |
| | 7 fps (2 x 2) | Power Dissipation | 35 Watts |
| Data Output | Gigabit Ethernet | Power Supply/Adaptor | 100 - 240 VAC, 47 - 63 Hz |

Drawings are for reference only

Dimensions are in inches [mm]

