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3-megapixel medical monitor

The 3 megapixel resolution and high brightness of the RadiForce RX370 are perfect for the precise display of radiology images. Greyscale images, especially of thorax and fine structures, as well as colour images from 3D reconstructions and the combination of different imaging techniques, benefit from the high image quality. If desired, the RX370's Hybrid Gamma PXL function automatically selects the luminance characteristics that matches the image. For example, monochrome X-ray images are displayed with DICOM® greyscale characteristics, while the luminance of other images follows a gamma function. The work-and-flow features of the RX370 include the instant backlight booster. This feature temporarily adjusts the brightness of the monitor up to approx. 1100 cd/m² in order for the radiologist to be able to recognise greyscale differentiation. The brightness automatically returns to the original setting after a short time, allowing the screen to be used under typical diagnostic conditions. The RX370's design and technology offer both ergonomic comfort and unparalleled image precision for use in modern radiology. Even the packaging materials used for the RX370 is exemplary. Instead of polystyrene which previous models have used, a padding made of moulded pulp cellulose is within each RX370 box. This is made from recycled cardboard and paper, all helping to reduce EIZO's ecological footprint.

- ✓ Compact and comfortable 3-megapixel colour screen for radiology reporting
- ✓ Clear recognition of structures through high contrast and blur reduction
- ✓ Palette with 543 billion shades for precise colour reproduction with up to 10 bit
- ✓ Hybrid Gamma PXL function for pixel-precise display of greyscale and colour images with the appropriate gamma curve characteristics
- ✓ Uniform homogeneous display surface due to automatic control of luminance distribution (DUE)
- ✓ Prepared for calibration, acceptance and constancy testing according to local standards such as IPEM / AAPM Primary, DIN 6868-157 and QS-RL
- ✓ Effortless quality assurance and built-in calibration sensor
- ✓ Light sensor for measuring the ambient light within the reporting location
- ✓ Ergonomic design with fresh, clean aesthetics
- ✓ Compact dimensions and narrow housing frames
- ✓ 5-year warranty for highest investment security

Technical Data

| GENERAL | |
|---|---|
| Item no. | RX370 |
| Case color | Bicolor, black and white |
| Areas of application | Healthcare |
| Product line | RadiForce |
| Areas of application | Projection radiography, Computed tomography/MR imagine, Nuclear medicine and radiotherapy, Non-destructive-testing |
| EAN | 4995047057994 |
| SCREEN | |
| Screen size [in inches] | 21,3 |
| Screen size [in cm] | 54,1 |
| Format | 3:4 |
| Viewable image size (width x height) [in mm] | 324,9 x 433,2 |
| Resolution in MP | 3 Megapixels (colour) |
| Ideal and recommended resolution | 1536 x 2048 |
| Pixel pitch [in mm] | 0,2115 x 0,2115 |
| Panel technology | IPS |
| Max. viewing angle horizontal | 178 |
| Max. viewing angle vertical | 178 |
| Number of colors or greyscale | 1.07 billion colors (DisplayPort, 10 Bit), 16.7 million colors (DisplayPort, 8 Bit) |
| Color palette/look-up table | 543 billion colour tones / 13 bit |
| Max. brightness (typical) [in cd/m ²] | 1100 |
| Recommended brightness [in cd/m ²] | 500 |
| Max. dark room contrast (typical) | 1800:1 |
| Response time black/white/black change (typical) | 25 |
| Backlight | LED |
| FEATURES & OPERATION | |
| Preset color/greyscale modes | 2x manual memory locations, Text, sRGB, DICOM |
| DICOM tone curve | ✓ |
| Hardware calibration of brightness and light density characteristic curve | ✓ |
| Digital Uniformity Equalizer (homogeneity correction) | ✓ |
| Blur reduction | ✓ |
| Sensors | Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor |
| On-screen menu languages | de, en, fr, es, it, se |
| Adjustment options | DICOM tonal value, Brightness, Gamma, Color saturation, Resolution, Scaling, OSD language, Blur reduction |
| Button Guide | ✓ |
| Integrated power unit | ✓ |
| CONNECTIONS | |
| Signal inputs | 2x DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4) |
| Signal outputs | 1x DisplayPort (HDCP 1.2) |
| Daisy-chain capable | ✓ |
| USB specification | USB 2 |
| USB upstream ports | 2 x type B |
| USB downstream ports | 1 x type C (15 W charging function), 2x type A |
| Graphic signal | DVI Single Link (TMDS), DisplayPort |
| ELECTRICAL DATA | |
| Frequency | Digital: 31-127 kHz/29-61,5 Hz; Sync Mode: 29,5-30,5 Hz/59-61 Hz |
| Power consumption (typical) [in watts] | 36 |
| Maximum Power Consumption [in watts] | 105 (at maximum brightness with all signal inputs and USB ports in use) |
| Max. Power consumption in stand-by mode [in watts] | 1 |
| Power consumption with power switch off [in watts] | 0 |
| Power supply | AC 100-240V, 50/60Hz |
| Max. USB-C Power Delivery [in Watt] | 15 |
| DIMENSIONS & WEIGHT | |
| Dimensions (incl. stand) (width x height x depth) [in mm] | 341,3 x 481,5-571,5 x 200 |
| Weight (incl. stand) [in kg] | 8 |
| Weight (without stand) [in kg] | 5.2 |
| Dimension drawing (PDF) | Dimension drawing (PDF) |
| Rotatability of the stand [in °] | 70 |
| Tiltability forwards/backwards [in °] | 5 / 30 |
| Pivot between portrait / landscape | anti-clockwise |
| Height adjustment range [in mm] | 90 |
| Hole spacing | 100 x 100 |
| CERTIFICATION & STANDARDS | |
| Certification | CE (Medical Device), ANSI/AAMI ES60601-1, CSA C22.2 Nr. 601-1, IEC60601-1, UKCA, RCM, FCC-B, CAN ICES-3 (B), VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC |
| SOFTWARE & ACCESSORIES | |
| Accompanying software and other accessories are available for download | RadiCS LE |
| Other box contents | 2x Signal cable DisplayPort - DisplayPort, 2x USB cable (Type A - Type B), Manual via download, Power cord |
| Accessories | RadiNET Pro, RadiCS (UX2-Kit), RadiLight, MED-XN63 |
| Recommended graphics card | MED-XN63 |

WARRANTY

| | |
|-------------------|---|
| Warranty periode | 5 years |
| Included warranty | The warranty additionally covers normal wear and tear of the backlight when operated at a recommended maximum brightness of 500 cd/sqm and a white point of 7,500 K. EIZO guarantees this brightness for a period of 5 years from the date of purchase or for 20,000 hours of operation, whichever comes first. With a maximum brightness of 400 cd/sqm, the number of operating hours increases to 30,000. |



**Experience the
RX370 in AR now!**