1724 · 2430 sensor - Technical specification

| Parameter | New 1724 MCA | New 2430 MCA | Unit |
|-----------------------|-------------------------|-------------------------|-----------------|
| Sensor Type | CMOS | | - |
| Scintillator | Csl : Tl | | - |
| Active Array | 2384 x 3312 | 3312 x 4344 | pixels |
| Acttive Area | 170.9×231.0 | 231.8 × 304.0 | mm ² |
| Effective Array | 2357 x 3280 | 3302 x 4264 | pixels |
| Effective Area | 165.0 x 229.6 | 231.1 × 298.5 | mm ² |
| Dimensions | 267.5 x 194.5 x 14.2 | 253.7 x 327.5 x 14.2 | mm ³ |
| Pixel Pitch | 70 | | μm |
| AED (Auto trigger) | Yes | | - |
| Frame Rate | 4.5(@1x1) 14.9(@2x2) | 3.6(@1x1) 12.7(@2x2) | fps |
| A/D Conversion | 14 | | bits |
| Energy Range | up to 50 | | kVp |
| Saturation Dose | > 350 (3,000 uGy) | | mR |
| Data Interface | GigE | | - |
| Weight | 1.4 | 2.2 | kg |

Xmaru W – System Requirements

• The minimum system requirements for a proper execution of Xmaru W are as follows.

> Main memory (RAM): 8GB or higher

- Monitor Resolution: 1920 x 1080
- The recommended system requirements for a proper execution of Xmaru W are as follows.

➤ CPU: Intel[®] Core[™] i5(8th Gen) or higher

- > Main memory (RAM): 16GB or higher
- Monitor Resolution: 2560 x 1440

Rayence's Global Networks

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× Due to continuous product improvements, specifications and appearance are subject to change without prior notice.

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➤ CPU: Intel[®] Core[™] i5(4th Gen) or higher

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Digital Upgrade Mammography

ShezON

1724 · 2430 MCA



Wide Dynamic Range

other

SHEZON





skin burn

without skin burn out

ShezON *High resolution of 70um*

CMOS sensor specialized in Mammography Imaging system provides image quality and quick acquisition.

ShezON Automatic dose detection

Image Quality Improvement by automatically detecting dose

- Low Dose High sensitivity technology for Image Quality
- Over Dose Optimized sensitivity technology for Image Loss prevention

Easy Upgrade

Get the advantages of digital detector *without replacing the existing mammography system*

- **Compatible with CR/Film** mammography system units currently
- Image quality that parallels high-end FFDM systems
- More efficient and economical than using film screen or CR
- 17 x 24, 24 x 30 Size optimized in system



AEC Control

Optimization design considering the structure of mammography imaging system









ShezON / 112mm²