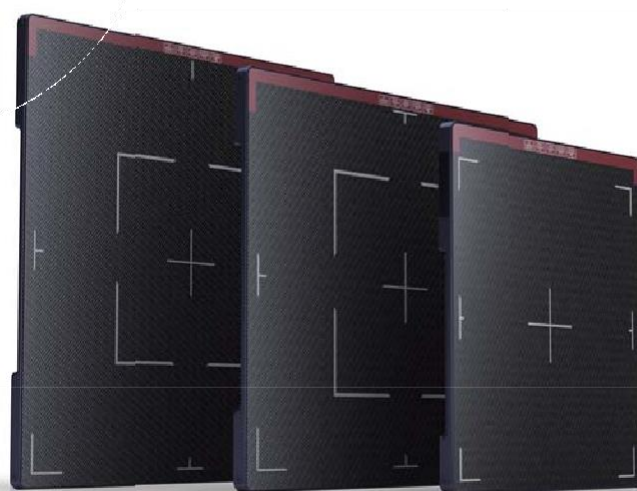


Prudent Optimum



Wireless Flat Panel Detector
Prudent Optimum DR



Specifications

| | | |
|---|---|------------|
| Model | PRUDENT Optimum 1717 | |
| Application | General Radiography | |
| Conversion Screen (Scintillator) | CsI / GOS | |
| TFT Panel | Non-Glass a-Si / Non-Glass IGZO | |
| Dimensions | 385 x 461 x 15mm | |
| Weight incl. battery | < 3.3kg (dual batteries) | |
| Pixel Pitch | 140µm | |
| Image data (AD conversion) | 16bit | |
| Wired / Wireless communication | Gigabit Ethernet / IEEE 802.11 ac | |
| Trigger Mode | High Sensitive 2XAED® | |
| Durability | * Weight Bearing for whole surface | < 150kg |
| | * Point Weight Bearing (4 x 4cm) | < 70kg |
| | * Drop Test | Up to 50cm |
| | Water & Dust Resistance | IP55 |
| Inner Storage | < 150 Images | |
| Battery Type | Lithium-Ion Polymer Battery | |
| Battery's Full Operation Time (Minimum) | 14 Hours | |
| Image Area Size | 2,500 x 3,052 mm | |
| X-Ray Voltage Range | 40~150kVp | |
| Calibration Mode | ACC (Auto Calibration Control) / Manual | |
| Voltage | AC 100~240V, 50/60Hz, DC 18V 3.5A | |
| Environment | Storage : -10°C ~ 60°C, 10% ~ 90% RH (non-condensing) Operation : 10°C ~ 35°C, 20% ~ 75% RH (non-condensing) | |

* Weight Bearing & Drop Test were evaluated with Non-Glass TFT detectors

** Only single battery available for PRUDENT 1212

PIXXGEN

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