

# X-ray Unit

32kW 125kV 400mA

## HF Stationary Medical Diagnostic X-Ray Machine



Model: TR-30N (10" screen)

### Features:

- With energy-storing device, can work properly at AC220V
- Simulation and digital double loop accuracy control method;
- High precision radiography time control;
- High precision tube current control;
- Kinds of setting modes for radiography conditions;
- Default self-protection, self-diagnosis;
- Lightweight and compact console has the setting of radiography parameters for adult and children's body features in multi parts, multi positions and multi conformation.
- It operates easily and can be digital display.
- 48 Automatic program radiography



### Main Technical Parameter:

| Model                                                                                       |                                                  | TR-30N                                                                                                                                                          |
|---------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply                                                                                |                                                  | AC220V±10%,50/60Hz                                                                                                                                              |
| Working frequency                                                                           |                                                  | 300kHz                                                                                                                                                          |
| Max. Power                                                                                  |                                                  | Max. output power 32kW                                                                                                                                          |
| X-ray tube component                                                                        |                                                  | Chinese tube (Canon for optional),<br>Rotating anode, Double focus: 1.0mm/2.0mm<br>Anode Heat Storage Capacity: 140KHU                                          |
| Radiographic                                                                                | kV :                                             | 40kV~125kV                                                                                                                                                      |
|                                                                                             | mA :                                             | 10mA~400mA                                                                                                                                                      |
|                                                                                             | mAs :                                            | 0.1mAs~320mAs                                                                                                                                                   |
| Exposure time range                                                                         |                                                  | 0.002s~10s                                                                                                                                                      |
| Radiographic table                                                                          |                                                  | 2100mm×825mm×655mm<br>Longitudinal movement range: ≥825mm, Horizontal movement range: ≥250mm<br>Longitudinal movement range: ≥1575mm                            |
| Tube stand                                                                                  |                                                  | Horizontal rotating range: ±180°, Vertical rotating range: ±90°<br>Distance from focus spot to film: ≥1200mm, Locking way: Electromagnetic lock                 |
| X-ray grid                                                                                  |                                                  | Fixed, Grid density: 103L/Inch, Grid ratio: 10:1, Focus distance: 1000mm                                                                                        |
| Vertical cassette stand                                                                     |                                                  | Vertical Travel ≥1000mm and minimum floor to focus distance of ≤800mm,<br>The film size: no more than 17"x17", Bucky: f0=180cm, r=10:1, density:<br>N=103L/Inch |
| Optional:<br>Flat Panel detector,<br>achieve digital type<br>(Only suit for model TR30N-DR) | Wired Flat Panel Detector<br>(1717X)             | Wireless Flat Panel Detector<br>(1717V)                                                                                                                         |
|                                                                                             | Imaging medium: Csl                              | Imaging medium: Csl                                                                                                                                             |
|                                                                                             | Imaging size:17"x17"                             | Imaging size:17"x17"                                                                                                                                            |
|                                                                                             | Pixel matrix: 3072x3072                          | Pixel matrix: 3072x3072                                                                                                                                         |
|                                                                                             | A/D output:16bits                                | A/D output:16bits                                                                                                                                               |
|                                                                                             | Pixel size: 139um                                | Pixel size: 139um                                                                                                                                               |
|                                                                                             | Spatial Resolution:3.6LP/mm                      | Spatial Resolution:3.6LP/mm                                                                                                                                     |
|                                                                                             | Preview Image Time: ≤3s                          | Preview Image Time: ≤3s                                                                                                                                         |
|                                                                                             | Full Image Time: ≤5s                             | Full Image Time: ≤5s                                                                                                                                            |
|                                                                                             | Trigger Mode: AED (Optional)<br>/Software / Prep | Trigger Mode: AED / Software                                                                                                                                    |
|                                                                                             | /                                                | WIFI: 2.4G and 5G, IEEE802.11<br>a/b/g/n/ac                                                                                                                     |
|                                                                                             | /                                                | Battery autonomy: 5hours                                                                                                                                        |

### High Quality Image:

