

# Technical Data

Technical Overview	Bondent 1020S	Bondent 1020E
Outlook		
Field of View	16cm x 8cm	16cm x 8cm
Camera Mode	CT, Pano, Ceph	CT, Pano
Sensor Type	CT, Pano (CMOS), Ceph (CCD)	CT, Pano (CMOS)
Detector Switching Mode	Automatic	/
Patient Positioning	Standing/Seated/Wheelchair Accessible	Standing/Seated/Wheelchair Accessible
Installation	Upright	Upright
Pixel Value	70um,100um,150um, 200um,250um,300um	70um,100um,150um, 200um,250um,300um
Spatial Resolution	>1.8lp/mm (CT and Panoramic mode) >2.0lp/mm (Cephlo Mode)	>1.8lp/mm (CT and Panoramic mode) >2.0lp/mm (Cephlo Mode)
Gray Scale	Mbit	Mbit
Reconstruction Time	Less than 60s	Less than 60s
Focal spot	0.5mm	0.5mm
Exposure Time	CT: 8s or 24s; Pano: Ms; Ceph: 4.2s or 8.4s	CT: 8s or 24s; Pano: Ms;
Workstation PC	Model: Hpworkstation Graphics card: GTX1660 (6G only) Monitor: HP 23.8", 1920x1080 resolution Operation System: Windows 10 64 Workstations ASIA CPU: i5 Memory: 16GB DDR4 2666 DIMM ECC Registered Memory Hard Disk: 1TB7200RPM SATA3.5in, 256G SSD Drive: 9.5mm DVD-Writer 1st ODD Keyboard: Business Slim PS/2 Wired Keyboard PRC Mouse: HP Optical USB Mouse	Model: Hpworkstation Graphics card: GTX1660 (6G only) Monitor: HP 23.8", 1920x1080 resolution Operation System: Windows 10 64 Workstations ASIA CPU: i5 Memory: 16GB DDR4 2666 DIMM ECC Registered Memory Hard Disk: 1TB7200RPM SATA3.5in, 256G SSD Drive: 9.5mm DVD-Writer 1st ODD Keyboard: Business Slim PS/2 Wired Keyboard PRC Mouse: HP Optical USB Mouse
Operational Software	Bon-Masterimage management module; Bon-Capture patients scanning module; Bon-Touch touchscreen module; OnDemand3D™ 3D post-processing module	Bon-Masterimage management module; Bon-Capture patients scanning module; Bon-Touch touchscreen module; OnDemand3D™ 3D post-processing module

