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| **Model** | **Ultisys - 20** | **Ultisys - 32** | **Ultisys-40** | **Ultisys-52** | | **Ultisys-68** | **Ultisys-82** |
| **Power Rating** | 20 KW | 32 kW | 40KW | 50KW | | 65KW | 80KW |
| **Line Voltage, Phase** | 230VAC ±10% | | | 400 VAC ±10% | | | |
| 400VAC ±10% (Optional) | | |
| **Supply Main Resistance** | <0.12 Ω | | | | | | |
| **Line Voltage Range** | ±10% (Frequency: 50/60Hz) | | | | | | |
| **kV Range** | 40-125KV | | | 40-150KV | | | |
| **mA range** | 10 to 250 mA | 10 to 400mA | 10 to 500mA | 10 to 630mA | | 10 to 800mA | 10 to 1000mA |
| **Timer range** | 0.001 to 10.0 sec | | | | | | |
| **mAs range** | 0.1 to 500mAs | | | | 0.1 to 1000mAs | | |
| **Momentary Current** | 65A@400 Vac | 70A@400 Vac | 75@400 Vac | 92A@400 Vac | | 120A@400 Vac | 165A@400 Vac |
|  |  |  |  |  | |  |  |
| **Standby Current** | [1.5A@230/400Vac](mailto:1.5A@230/400Vac) | | | | | | |
| **Maximum Power Output (Reproducibility related to loading factors)** | 250mA@80kV | 400mA@80kV | 500mA@80kV | 630mA@79KV | | 800mA@81KV | 1000mA@80KV |
| **Rotor supply** | Low speed | | | Dual Speed | | | |
| **Anatomical Programs** | User programmable max. 974 programs | | | | | | |
| **Technique Selection** | kV/mA/ms, kV/mAs, AEC, APR | | | | | | |
| **Image Receptors** | 2 Bucky + 1 non Bucky | | | | | | |
| **Leakage Radiation** | <2mR/hr | | | | | | |
| **Radiation Output Accuracy** | C. V. (Coefficient of Variation) ≤0.05 | | | | | | |
| **Focal Spot** |  | | | | | | |

|  |  |
| --- | --- |
| Ceiling Free tube Stand | |
| Tube rotation angle | ± 90° |
| Longitudinal Travel | ± 300 mm |
| Brake Mechanism | Electro-magnetic |
| Tube centered to Bucky | |
| *Fully counterbalance tube holding arm* | |
| Bucky Wall Stand | |
| Vertical Travel | 1670 mm |
| Lock | Manual |
| Brake Mechanism | Electro-magnetic |
| Bucky Type | Fixed detector holder with integrated High  Density grid. |
| Grid | Focal distance: 150cm |
| 4 Way Floating Table Top | |
| Table Top Specifications | L : 2210 mm X W : 800 mm X H : 760 |
| Attenuation of Table Top | Filtration 1.2mmAl |
|  | Max. Patient Weight 300kg Upgradable to 400 kg |
| Bucky type | Fixed detector holder with integrated High Density Grid. |
| Brake Mechanism | Electro-Magnetic (Longitudinal and Transverse movement) |
| Grid Ratio | Ratio 10:1, 103 LPI Focal Distance : 100cm |
| Max Table Attenuation (Table & Detector/Cassette) | Max 0.5 mm Al |
| Max VBS Attenuation (VBS & Detector/Cassette) | Max 0.2 mm Al |