

| | |
|-------------------------------------|--|
| ELECTRICAL | |
| Output | 0-10000 Volts AC or 0-25000 Volts DC . |
| Leakage Current | .5-5 mA AC from 0-9500Vac output, derated linearly to 2mA output current at 10kVac. .5-5 mA DC from 0-18kVdc output, derated linearly to 2mA output current at 25kVdc. |
| Pass/Fail Criteria: | |
| Leakage Current: | Pass/Fail point user adjustable 500uA-min. |
| Dielectric Breakdown: | Separate high frequency detection circuit for breakdown spike detection |
| Test Time: | User adjustable 1->60 sec., defeatable |
| Voltage Ramp-up Time: | User adjustable 1-5 sec., defeatable |
| Voltage Ramp-down Time: | Factory set 8 seconds maximum (open circuit) |
| Pass/Fail Repeatability | ± 2% |
| Duty cycle | 100 % |
| Test adjustments | Ramp Time (using Ramp Control) Test Time (using Timer Control) Leakage Limit (using Shutdown Limit) Voltage Adjust Ramp Control ON/DEFEAT Timer Control ON/DEFEAT Shutdown Limit ON/DEFEAT |
| ENVIRONMENTAL | |
| Operating Temperature | 0-50°C at 5 – 45% RH 0-40°C at 5 – 75% RH 0-30°C at 5 – 95% RH |
| Non-operating Temperature | -40° - 71°C |
| GENERAL | |
| Input power requirements | 108-132 volts, 50/60 Hz, 2A max, or 220 volts, 50 Hz, 2A max. |
| Weight | 32 lbs. |
| SAFETY AGENCY TOPICS | |
| Transformer Output | < 500VA |
| Visual Indication of Voltage Output | Provided by front panel meter, directly connected to high voltage output |
| Failure Indication | Audible, provided by internal buzzer Visual, provided by red LEDs on front panel |
| Leakage Test | Test can be automatically terminated on failure Provided; 5 mA AC factory set pass/fail point, user adjustable. |

Table 2-1. HT-20KVAC/DC Specifications