



Pulse Systems Inc.

New Product Release

Universal Klystron S-Band

Low Frequency

Transmitter Systems

Pulse Systems Inc.

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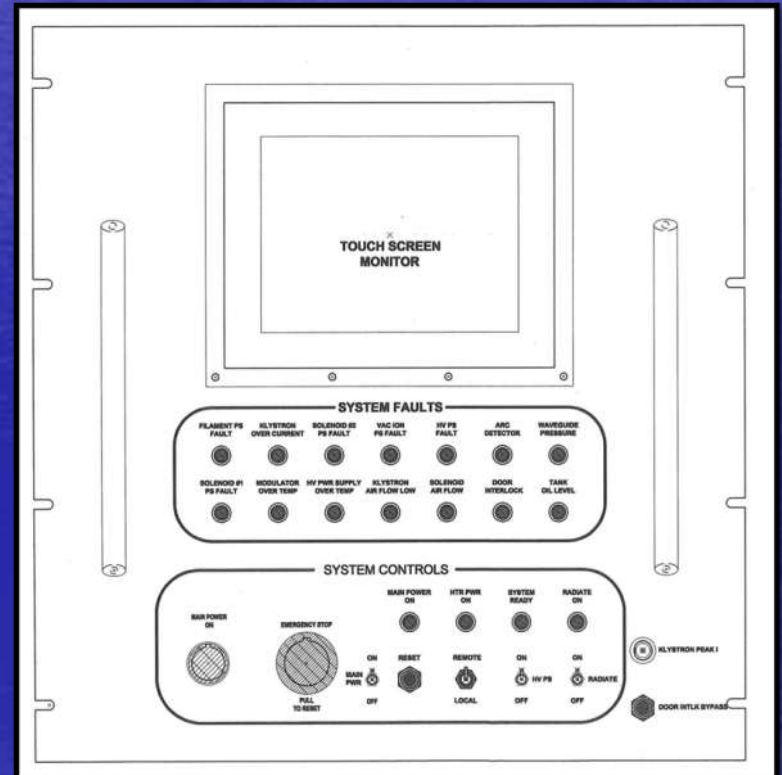
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Pulse Systems Inc.

Universal Klystron S-Band Low Frequency Transmitter System Control Panel





Universal Klystron S-Band Low Frequency Transmitter Systems

- S-Band Universal Klystron
- CPI VKS-8287
- 1 MW





Universal Klystron S-Band Low Frequency Transmitter Systems

Pulse Systems S-Band 1MW Specifications & Features

Klystron Type:	CPI-VKS-8287 Cathode Pulsed 1.0 MW 2700-3000 MHz
Cooling:	Forced Air Cooled
Prime Power:	3-Phase 208/240-50/60 Hz P.F. 0.9 Min. 10KVA
RF Phase Stability:	.09 Degrees Max. Pulse to Pulse
Pulse Overshoot:	Less than 3%
Ripple:	0.2% Max.
Droop:	0.2% Maxi.
PRF Stag Ratio:	Dual PRF: 3:2 and 5:4 External Supplied
PRF Pulse:	TTL Compatible, 250-1500 PPS BNC Connector
RF Pulse:	0-10 dBm 2.7 - 3.0 GHz
RF Pulse Width:	0.8 - 4.5 μ sec
Output RF Interface:	UG1725/U
Size in Inches:	Two Cabinets: 19" and 24" Wide, 42" Deep, 86" High
Est. Weight in Lbs:	1200 Lbs Total

Universal Klystron S-Band Low Frequency Transmitter Systems Test Data

