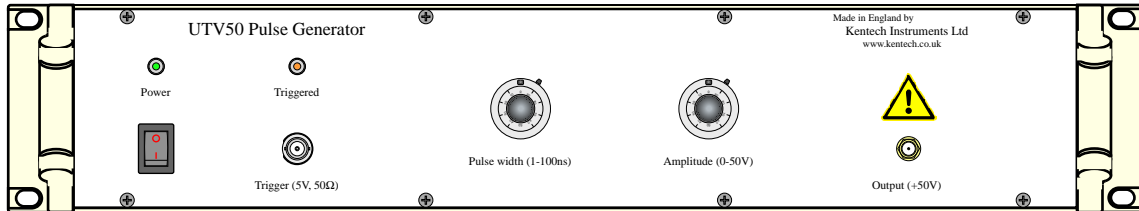


Applications

Cable response measurement
Image intensifier gating
Trigger distribution
Laser diode drive
Cable/attenuator response measurement
Semiconductor device testing
General purpose lab use

Summary

- General purpose fast pulse generator
- Low jitter
- Up to 20kHz repetition rate
- Up to 50 volt output (into 50 Ω)
- 110/240 V AC power
- Sub 200ps rise time
- Compact 2U 19 inch rack mounting



SPECIFICATIONS

Amplitude	0 - 50V, front panel adjustable
Polarity	Positive
Load	50 ohms
Rise time	<200ps 20-80%
Fall time	<500ps 80-20%
Pulse width	1 - 100ns front panel adjustable
PRF	20kHz
Trigger input	5V, width in the range 2ns to 1000ns
Jitter, trigger to output leading edge	<15ps (assuming trigger rise time is \leq 2ns)

Indicators, connectors and controls

AC power	Rocker
AC power indicator	LED
Trigger input	BNC
Trigger indicator	LED
Pulse output	SMA
Amplitude	Rotary
Pulse width	Rotary
Power	100-240V ac 50/60Hz
Physical	19" rack mount, 2U, 245mm deep

See www.kentech.co.uk