

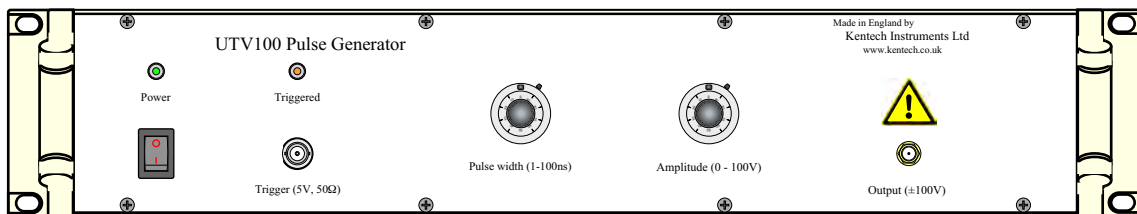


### Applications

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 100 volt output (into 50Ω)
- 110/240 V AC power
- Sub 200ps rise time
- Compact 2U 19 inch rack mounting



### SPECIFICATIONS

Amplitude	0 - 100V, front panel adjustable
Polarity	Switchable
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
Trigger delay	22ns (to be confirmed)
Jitter, trigger to output leading edge	<15ps SD (assuming trigger rise time is <=2ns)

Local or remote control of	Amplitude Pulse width Trigger enable/disable Trigger source/mode Internal trigger rate Polarity
----------------------------	--

Local control	Keypad/LCD
---------------	------------

Remote control	RS232 USB Ethernet
----------------	--------------------------

Indicators, connectors	
AC power	Rocker
AC power indicator	LED
Trigger input	BNC
Trigger indicator	LED
Pulse output	SMA

Power	100-240V ac 50/60Hz
Physical	19" rack mount, 2U, 245mm deep

See [www.kentech.co.uk](http://www.kentech.co.uk)