

BPS 202

Burst Power Station



Short description

The BPS 202 is used as power supply and control unit for the Langer EMV-Technik GmbH pulse probes.

The control unit is connected to the user PC via an USB interface. BPS 202-Client software does the controlling. With the BPS 202 input "sync" interference pulses of the connected probes can be synchronized on the functional process of an IC.

Adjustment of the pulse frequency and pulse current

- || Single pulse or pulse sequence
- || External triggering possible
- || Adjustable trigger delay

Technical parameters

Output voltage	$\pm (50 \dots 500) \text{ V}$
External trigger input	TTL / BNC
Trigger-pulse delay (Bypass Mode - Delay Line)	
min. Trigger-pulse delay (typ.)	30 ns
max. Jitter (typ.)	$\pm 1 \text{ ns}$
Trigger-pulse delay (Timer Mode)	
min. Trigger-pulse delay (typ.)	130 ns
max. Trigger-pulse delay (typ.)	100 ms
max. Jitter (typ.)	$\pm 15 \text{ ns}$
Trigger delay, min. increment	10 ns
Supply voltage	12 V / 1 A DC
Weight	300 g
Sizes (L x W x H)	(175 x 122 x 51) mm
Software	BPS 202-Client / DLL (32 Bit / 64 Bit) Win XP SP3 or higher