



MODEL PT-55 SERIES

PULSER/TRIGGER GENERATOR

- STATE-OF-THE-ART PULSER/TRIGGER
- SIMPLE TO INSTALL & OPERATE
- GREATER THAN 50kV PULSE AMPLITUDE
- ULTRA FAST RISE TIME
- NEGLIGIBLE SHOT-TO-SHOT JITTER
- MINIMAL OUTPUT ISOLATION NECESSARY



SPECIFICATIONS

Electrical

Charge voltage	+5 kV to +7 kV DC Max.
current	0.1 mA (0.5 mA @ 1 pps)
Trigger input impedance ..	50 Ω
Trigger pulse	+250 V min.
Output voltage	+50 kV (See option PT-55-N)
pulse width	75 ns min.
rise time	2 ns max.

jitter 4 ns max.
Output monitor Standard ratio 1000:1 into
50 Ω (See option PT-55-M)

Mechanical

Package case High impact plastic
Package size 17.2 cm x 17.2 cm x 22.5 cm
Weight 3.3 kg
Mounting position Any
Connectors trigger in BNC
 output monitor BNC
 DC charge MHV
 output Threaded stud 3/8-16 x 7/8" length

Options

PT-55-N Negative output, 3.3 kg
PT-55-M 100:1 Output monitor, 3.3 kg
PT-55-S Hermetically sealed, 3.6 kg
