

## Trigger Generator DG2



This small freestanding instrument has been designed for control of normal repetitive stimulation as well as for defining the Effective Refractory Period using a second, delayed pulse. This unit is especially useful for use with our DS2A

and DS7A Isolated Stimulators which have their own Pulse Width controls.

The unit features control of Rate/Frequency over 3 full decades and selection of single or twin pulses with 3 decade control of inter-pulse Delay. A single shot button is fitted to supply pulses on demand when the oscillator is off or in addition to the repetitive stimuli when the oscillator is on. A 'SYNC' output socket is available for triggering recording devices. The 'OUT' output can be selected as either the non-delayed pulse, the delayed pulse, or both (twin) pulses.

- Trigger timing generator
- Ideal for electrophysiology
- Perfect match for DS2A and DS7A Stimulators
- Internal battery

### Specifications

**Rate (Frequency):**

- Total Range** 0.1 to 100 Hz  
**Control** Single turn (270°) control marked 1 to 10 Hz with intermediate integer panel marks  
**Accuracy** ±1% at '1' and '10' marks, ±5% at intermediate marks  
**Multiplier** X1; X10; X100

**Delay:**

- Total Range** 1 to 1000 msec  
**Control** Single turn (270°) control marked 1 to 10 ms with intermediate integer panel marks  
**Accuracy** ±1% at '1' and '10' marks, ±5% at intermediate marks  
**Multiplier** X1; X10; X100

**Train:**

- Control:**  
**ON** Rate oscillator free-running  
**OFF** Rate oscillator disabled  
**(ON)** Rate oscillator free-running whilst switch held  
**Single** Single shot push button producing a single or additional output pulse (or pair)

Catalog No.	Model	Product
CGS 8155.71	DG2	Trigger Generator
CGS 8156.71	D121-11	19 in Rack Mounting Frame, Holds 2 DG2 Trigger Generators