

## Technical Specification for Spark counter

Complete with High Voltage Supply, microprocessor based 5-digit counter and sparking head. It should count sparks from spark head on 4 digit LCD module.

EHT : Variable from 100 to 1000 V, 4 digit display of voltage on LCD Module. Pre-sparking & counting voltage adjustable individually by two digital potentiometers through keys & provision of storing & on line data transfer to PC of 500 samples.

Sparking Head : Area  $1 \text{ cm}^2$  accurate to 3<sup>rd</sup> decimal

Display : 32 characters LCD module

Keys : 4 nos

Counts Capacity : 99999 counts

Dead time : Less than 10 micro seconds

Gate window : Adjustable from 1 to 10 sec. through keys.

Power : 230V AC

Dimensions : 25 x 20 x 20 cm (approximate.)

Make / Model : Polltech make spark counter Model PSI-SC1 or equivalent

Note : Operation manual along with circuit diagram and service manual to be provided along with the instrument