

SF2002 Stopwatch Calibrator



Features

- High resolution of crystal oscillator with accuracy up to 5×10^{-8}
- Quick response
- Easy operation suitable for metrological service, factory, academy and scientific research institution to calibrate all kinds of timer instruments

Specification

Mechanical stopwatch and electronic stopwatch	
Input Range	T_0 : 1s-99999s
Accuracy	$< \pm (1 \times 10^{-7} \times T_0 + 3\text{ms})$
Pointer electrical stopwatch	
Input Range	T_0 : 0.1s-99999s (Continuous, Trigger and Pause)
Accuracy	$< \pm (\text{Mains frequency accuracy} \times T_0 + 0.6\text{ms})$
Digital electrical stopwatch	
Input Range	T_0 : 0.1ms-9999.9s
Accuracy	$< \pm (1 \times 10^{-7} \times T_0 + 3\mu\text{s})$
Crystal Oscillator	
Nominal Frequency	10MHz
Daily Aging Rate	$\leq 5 \times 10^{-9}/\text{day}$
Second Stability	$\leq 5 \times 10^{-11}/\text{s}$
Accuracy	$\leq 5 \times 10^{-8}$
Warm Up Time	> 2 hours
General Characteristics	
Power	220(1 $\pm$ 10%)V, 50(1 $\pm$ 5%)Hz, <20VA
Display	LCD
Dimension	256 $\times$ 106 $\times$ 393 mm
Weight	3.7kg

Standard Accessories

- | | |
|----------------------------|---|
| Power Cord | 1 |
| CD (User's Guide) | 1 |
| Dual banana plug test lead | 2 |
| BNC-banana test lead | 1 |



Power Cord



BNC-banana test lead



CD



Dual banana plug test lead

Options

- SF2001 stopwatch fixture
- SF2601 timer fixture
- Certificate issued by third part