

Handheld Voltage/mA Source Process Calibrator

Model No: BTH C10

BTH C10 is a handheld Process Calibrator is a very useful tool to calibrate process control instruments that accept Voltage/mA. The process calibrator has a source & measure function that can be used for lab or field calibration of process control instruments, temperature & pressure transmitters, I/P converters. safely complies with **IEC 1010**



Voltage



milliamp

Output	Range	Output range	Resolution	Accuracy	Illustration
DC voltage DCV	10V	0.000 11.000V	0.001V	0.05%+2	Max. output current 5mA
DCA	20mA	0.000 22.000mA	0.001mA	0.05%+4uA	20mA Max. load 1KΩ
simulate transmitter (sinking current)	-20mA	0.000 -22.000mA	0.001mA	0.05%+4uA	20mA Max. load 1KΩ Note: power supply range: 5~ 25VDC
Loop power	24V	-	-	±10%	Max. output current

SPECIFICATIONS

Parameters	Voltage, mA
Power	Two 1.5V Alkaline batteries (LR6)
Power consumption	400mA/3V, in condition of 1K Ω load and 20mA output
Maximum Allowed Voltage	30V (Within terminals or between terminal and earth ground)
Operational Ranges	Temperature 0°C-50°C Humidity <80%RH
Storage Range	Temperature < -10°C-55°C Humidity <90%RH
Temperature Coefficient	0.1 X (dedicated accuracy) %/°C (5°C-18°C, 28°C-40°C)
Measurement Weight	180(L)X90(W)X47(D)mm (with protector) 500g
Supply Scope	Calibrator, User Manual, Industrial Testing Leads CS-36 (Clips for Probe)
Safety	Complies with IEC 1010 (Safety standard issued by international Electrician committee)