Benchtop thermotechnical Calibrator

ET2761、2762、2763 series desktop thermal Calibrator, is a fully functional, high reliability and high accuracy table checking instrument, instrument using 4.3 inch wide screen displays, combined with friendly human-computer interaction interface and convenient and flexible operation mode, with quick, easy for the general customers the thermal instrument calibration, the calibration and maintenance.

Product features:

All traffic signals are completely isolated.
· output way: support to type at the same time, the cursor shift and knob to adjust three forms;
· measurement and output dc voltage, current, resistance and frequency signal;
· support thermocouple, heat resistance signal measurement, also can simulate the thermal resistance, thermocouple signal;
· using Pt100 external sensors provide a reliable, fast and precise cold junction compensation, support manual and automatic compensation, compensation accuracy of 0.5, range - 40 ℃ ~ 60 ℃;
MFG signal transmission and output time
· resistance, thermocouple measurement function, support two, three, four wire system model;
· between any two ports are able to withstand 220 vac into a 36 VDC go (except the power output port);
· all under the output function can short-circuit the recovery;
It is necessary to select and select the intelligent pressure measuring function.
· communication mode: standard RS232, LAN, USB, the Host, the communication protocol provided free of charge, and agreements in SCPI specification;
· data memory function: as many as 5000 points/signal data storage memory function;
· mode of power supply: 220 v AC + / - 10%, 50 hz;
· product size: 310 mm * 140 mm * 140 mm (width * * deep)

Model	ET2761	ET2762	ET2763
Measure/output channel number.	1	2	3

Note: provide 3-60vdc (power 3W) power supply group , Each channel supports the measurement and output of current, voltage (millivolt), resistance, frequency, RTD, and thermocouple signals.

function	Range range (resolution)	Accuracy (reading %+ range %)
Voltage measurement	-200~200mV(0.001mV)	0.02+0.005
	-2~2V(0.00001V)	
	-10~10V(0.0001V)	
	-100~100V(0.001V)	
Current measurement	-24~24mA(0.0001 mA)	
Resistance measurement	0~450Ω(0.001Ω)	
	420~4500Ω(0.01Ω)	
Frequency measurement	1~100Hz(0.0001 Hz)	0.01+0.005
	100~1000 Hz (0.001 Hz)	
	1K~10K Hz (0.00001 K Hz)	
	10K~100K Hz (0.0001 K Hz)	