



MODELS: T-25N T-350P T-650P

- EXCELLENT ACCURACY AND STABILITY
- 0.01°C RESOLUTION
- GENERATES TEMPERATURE
- MEASURES SIGNAL FROM SENSORS
- mA INPUT FROM 2-WIRE TRANSMITTERS
- GENERATES mA SIGNAL
- COMPLETELY AUTOMATIC CALIBRATION
- RS-232 COMMUNICATIONS
- DOCUMENTING CAPABILITY
- PORTABLE & COMPACT
- INTERNAL COLD JUNCTION COMPENSATION
- INTERNAL REGULATED 24 VDC POWER SUPPLY
- INTERCHANGEABLE INSERTS & CARRYING CASE



THREE INSTRUMENTS IN ONE:
Dry Block + Standard Thermometer +
Calibrator for TCs, RTDs, mA, mV,
Ohm & thermoswitches

INTRODUCTION

Models T-25N, T-350P and T-650P *Dry Block Calibrators* control temperature over an insert in order to calibrate thermocouples, RTDs, thermoswitches, glass thermometers, etc. These instruments incorporate the functions of dry block, standard thermometer and electronic calibrator by providing high accuracy temperature value and measuring signals generated by RTDs, thermocouples, thermoswitches and mA generating sources.

They have a great deal of programming capabilities, allowing automatic calibration of sensors. By defining the calibration points and their number of repetition, and then placing the sensor in the insert and connecting its electrical terminal to the embedded calibrator, the process of calibration can be started and proceed to all the sequences automatically.

Automatic documented calibration can be performed by means of the optional SCA850 *Calibration Software* and connecting the calibrator via its RS-232 serial port to a personal computer. Communication cables should be ordered separately.

By using the calibration software, the operator can take advantages of computer data management to register the sensors, create and print calibration certificates and reports, and generate work orders.

Viewing in poor lighting is made easy with a graphic, high contrast and adjustable liquid crystal display.

The calibrator is supplied with connecting cables, a strap for transportation and a sturdy carrying case.

MODEL	T-25N	T-350P	T-650P
Operating Range	-25°C to +140°C (-13°F to +284°F)	from room temperature to 350°C (662°F)	from room temperature to 650°C (1202°F)
Accuracy: internal reference with external thermometer	±0.1°C	±0.1°C ± 0.1% of reading	
Resolution	0.01°C		
Stability	±0.02°C	±0.05°C	
Temperature Uniformity	±0.05°C		
Well Diameter / Depth	1" without insert / 125 mm		
Power Supply	110 or 220 VAC, 50/60 Hz, 200 Watts maximum		
Units / Temperature Scale	°C or °F / IPTS-68 or ITS-90 user selectable		
Display	Graphic LCD contrast adjustable		
Dimensions (H x W x D)	250 x 180 x 270 mm		
Weight	8.5 kg (18.8 lb)	5.8 kg (12.8 lb)	

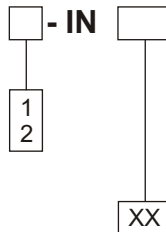
ORDER CODES

MODEL: T-25N / T-350P / T-650P - - IN

POWER SUPPLY
110 VAC
220 VAC

INSERT INCLUDED

Choose one of the inserts listed below
(if not specified, it comes with 01 insert)



Example:

T-25N-1-IN03

INSERT	HOLES (Insert External Diameter: 1")
01	1 x 3/4"
02	1 x 1/2"
03	1 x 6.0 mm and 3 x 1/4"
04	3 x 6.0 mm and 1 x 1/4"
05	4 x 6.0 mm
06	2 x 6.0 mm and 2 x 1/4"
07	1 x 6.0 mm and 1 x 8.0 mm and 1 x 3/8"
08	1 x 6.0 mm and 1 x 3.0 mm and 2 x 1/4"
09	Without hole, to be drilled by the client
10	Others

ACCESSORIES

	<u>Order Code</u>		<u>Order Code</u>
RS-232 - 9 way, D type connector (COM1)	06.02.0002-00	Probe 1/5 DIN straight - 4 plug connector	04.06.0101-00
RS-232 - 25 way, D type connector (COM2)	06.02.0004-00	Probe 1/5 DIN 90° bend - 4 plug connector	04.06.0102-00
RS-485	06.02.0006-00	Calibration Software	SCA850



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