

SDT100 Series

SDT140S



SDT141S



SDT142S



SDT151LB



SDT153L



SDT154LB



- Water & Drop Resistant Standard
- Large, Easy-to-Read LCD Display
- Uses Standard Thermocouple Probes
- Three Year Limited Warranty
- Low Power Consumption

Free Protective Boot for SDT100 Series

K, J, T Thermocouple and/or Thermister
Inputs Available

Auto Power Off and Low Battery Indicator

Record, Hold, Switchable°C/°F, and
Resolution Selection Available on
Certain Models

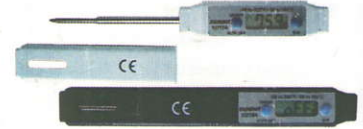
4 Different Input Connectors Available

Dual Input Model Available

White Color Case Available for Food
Service Application

Waterproof Models Also Availabel

SDT8A



Pocket Thermometer
-58° to 300°F
Data Hold & Auto Power Off



SDT62

Water and Drop Resistant
Two K, J, or T Type Thermocouple Inputs
°C/°F Selectable
Record/Recall, Hold, & Resolution
Selection Features

SDT35



J-Type Thermocouple
Range: -40° to 1200°F
Low Battery Indication

Brighton Electronics, Inc.

7236 SW Durham Rd. Bldg. N-800
Portland, OR 97224

web site: www.brighton-electronics.com
e-mail: sales@brighton-electronics.com
Toll Free: 866-TESTER1 (866-837-8371)
Tel: 503-624-7116 Fax: 503-624-0207

Digital Thermometer Selection Guide

		SDT140	SDT141	SDT142	SDT151
Sensor Type		K	J & K	J & K	Thermistor
No. of Input		1	1	2	1
°C/°F Selectable		(°C or °F)	Yes	Yes	(°C or °F)
Auto Power Off		No	Yes (20 Min.)	Yes (20 Min.)	Yes (20 Min.)
Resolution		0.1°, 1°	0.1°, 1°	0.1°, 1°	0.1°, 1°
Best Accuracy	Thermocouple	±0.5% rdg+ 1.8°F (1°C)	±(0.3% rdg + 1.8°F)	±(0.3% rdg + 1.8°F)	-
	Thermistor	-	-	-	±0.9°F
Stock No.	Sub-Mini Connector	SDT140S	SDT141S	SDT142S	-
	Bi-pole Connector	-	-	-	SDT151B
	Lemo Connector	-	SDT141L	-	SDT151L
	Lumberg Connector	-	SDT141LB	-	SDT151LB
Temperature Range	J Type	N/A	-328 to 1832°F (-200 to 1000°C)	-328 to 1832°F (-200 to 1000°C)	N/A
	K Type	-112 to 1832°F (-80 to 1000°C)	-328 to 2462°F (-200 to 1350°C)	-328 to 2462°F (-200 to 1350°C)	N/A
	T Type	N/A	N/A	N/A	N/A
	Thermistor	N/A	N/A	N/A	-40 to 220°F (-40 to 104°C)
Min / Max	-	Yes	Yes	Yes	-
Data Hold	-	Yes	Yes	Yes	-
Battery Indicaition	Yes	Yes	Yes	Yes	Yes
Status Display	'-1'	'Hi', 'Low', 'Open', 'Err', 'Rec'	'Hi', 'Low', 'Open', 'Err', 'Rec'	'Hi', 'Low', 'Open', 'Err', 'Rec'	'HHH', 'LLL', 'Open'
Water Resistant	Yes	Yes	Yes	Yes	Yes
Water Proof Option	Available	Available	Available	Available	Available
Battery	two 1.5V DC	9V DC	9V DC	9V DC	9V DC

		SDT153	SDT154	SDT30	SDT62
Sensor Type		Thermistor & T	Thermistor & T	J, K & T	J, K & T
No. of Input		1	1	1	2
°C/°F Selectable		(°C or °F)	Yes	Yes	Yes
Auto Power Off		Yes (20 Min.)	Yes (20 Min.)	Yes (20 Min.)	Yes (20 min)
Resolution		0.1°, 1°	0.1°, 1°	0.1°, 1°	0.1°, 1°
Best Accuracy	Thermocouple	±(0.3% rdg + 1°C)	±(0.3% rdg + 1°C)	±0.1% rdg ± 1.3°F	±0.1% rdg ± 1.3°F
	Thermistor	±0.9°F or ±1.8°F	±0.9°F or ±1.8°F	-	-
Stock No.	Sub-Mini Connector	-	-	SDT30	SDT62
	Bi-pole Connector	-	-	-	-
	Lemo Connector	SDT153L	SDT154L	-	-
	Lumberg Connector	SDT153LB	SDT154LB	-	-
Temperature Range	J Type	N/A	N/A	-328 to 1832°F (-190 to 1000°C)	-328 to 1832°F (-190 to 1000°C)
	K Type	N/A	N/A	-418 to 2507°F (-250 to 1375°C)	-418 to 2507°F (-250 to 1375°C)
	T Type	-328 to 750°F (-200 to 400°C)	-328 to 750°F (-200 to 400°C)	-418 to 750°F (-250 to 400°C)	-418 to 750°F (-250 to 400°C)
	Thermistor	-58 to 300°F (-49 to 150°C)	-58 to 300°F (-49 to 150°C)	N/A	N/A
Min / Max	-	Yes	Yes	Yes	Yes
Data Hold	-	Yes	Yes	Yes	Yes
Battery Indicaition	Yes	Yes	Yes	Yes	Yes
Status Display	'Hi', 'Low', 'Open'	'Hi', 'Low', 'Open', 'Err', 'Rec'	'Hi', 'Low', 'Open', 'Err', 'Rec'	'Hi', 'Low', 'Open', 'Err', 'Rec'	
Water Resistant	Yes	Yes	Yes	Yes	Yes
Water Proof Option	Available	Available	Available	N/A	N/A
Battery	9V DC	9V DC	9V DC	9V DC	9V DC

Connector Types:

Sub-Minature



Bi-pole



Lemo



Lumberg

