DFT-700-M Series

With it's IP65 rating, compact design, this portable thermometer/hygrometer leads the way in price and performance.

SHINKO
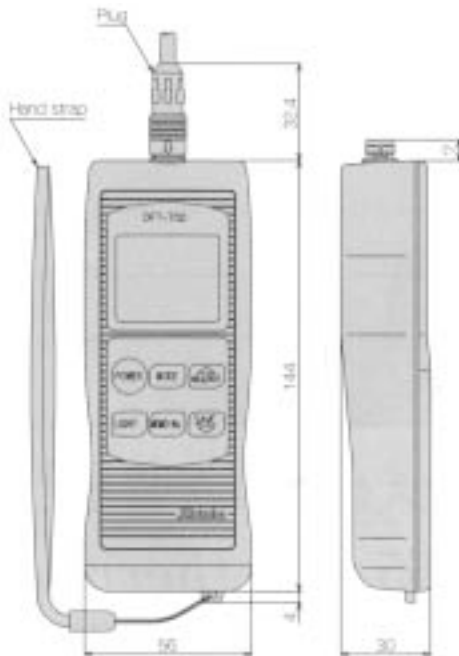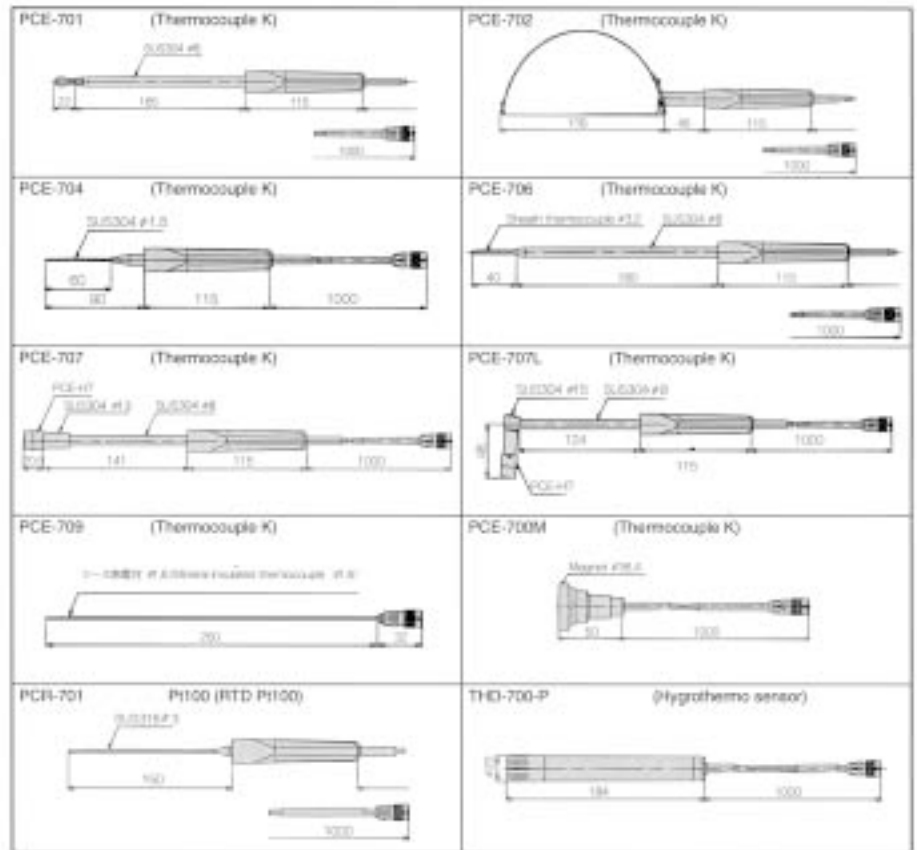### North America Ltd.
www.shinkona.com

Specifications

Multi-Input	Units offer 4 thermocouple inputs and 1 RTD input. As Hygrometer units use RTD input and humidity sensor with 0-1vDC (corresponds to 0-100% RH)

Indicating Accuracy	Input ----------- Thermocouple: ±0.2% of full scale ±1 digit
	                     RTD: ±0.1% of full scale ±1 digit
	Input ---------- Temperature/Humidity Sensor
	             Temperature: ±0.3ºC
	             Humidity: ±0.3% RH

Input Sampling Period	0.4 seconds
Function Key Settings	POWER key: turns DFT-700-M ON or OFF. MODE key: holding this key for approximately 1 second switches the measuring mode between regular and peak hold. HOLD/RST key: holding this key retains the temperature or humidity data at that time, pressing key again resets the data. MEMO key: pressing this key starts data memory mode. SAVE key: pressing this key saves the measured value indicated on the PV display. LIGHT key: pressing this key turns the backlight on (backlight turns of in approximately 10 seconds).
Power Supply	3v DC - 2 AA alkaline batteries. Battery life: Thermometer - 200 hours. Hygrometer - 100 hours.
Structure	Dimensions: W56 x H144 xD30mm. Weight: Approximately 90 grams. Dust-Proof/Drip-Proof: IP65 rated.

Dimensions

Shinko is an
ISO 9001
facility

Optional Sensors

Input Range Table

Input Type		Scale	
Thermocouple - Sensor	K	-199.9 to 1370ºC	-199.9 to 2500ºF
	R	0 to 1760ºC	32 to 3200ºF
	B	0 to 1820ºC	32 to 3300ºF
	S	0 to 1760ºC	32 to 3200ºF
RTD - Sensor	Pt100	-199.9 to 850ºC	-199.9 to 1500ºF
Temperature/Humidity Sensor		Temperature: -20.0 to 60.0ºC/-4.0 to 140.0ºF Humidity: 0.0 to 100.0% RH	

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