

## OSC 57FY107 Thermo-Hygrometer



### <Applications>

-The digital humidity & temperature meter & wet bulb temperature dew point temperature has been designed to combine the functions of humidity meter, temperature meter, wet bulb temperature and dew point temperature.

-It is an ideal humidity and temperature meter instrument with scores of practical applications for laboratorial, industrial, engineer and professional use.

### <Specifications>

OSC 57FY 107			
Function	Range	Resolution	Accuracy
Humidity	0% ~ 100%RH	0.1%	+2%RH (at25 , 20% ~ 80%RH) +2.5%RH (at other ranges) Accuracy note: Accuracy is specified for the following ambient temperature range; 64 to 82°F (18 to 28 )
Air temp.	-30 ~ 100 , -0°F ~ 199°F	0.1	+0.5 /+0.9°F (at 25 ) +0.8 /+1.5°F (all other ranges)
Wet Bulb	0 ~ 80	0.1	± 0.5
Dew point	-30 ~ 100	0.1	± 0.5
OSC 57FY 107			
Operating conditions	32 to 104°F (0 to 40 ); <80% RH non-condensing		
Storage conditions	14 to 140°F (-10 to 60 ); <80% RH non-condensing		
Display	Large 4 ~ 1/2 dual digital LCD display with backlight		
Sensor type	A single chip relative humidity and temperature multi sensor module comprising a calibrated digital out-put		
Over-range	"OL" mark indication		
Sampling rate	2.5 samples per second		
Dimensions (H x W x D mm)	Approx 225 x 45 x 34		
Weight (g)	Approx 200		
Battery	One 9V battery, NEDA1604 or 6F22		
Auto power off	Meter automatically shuts down after approx.15 minutes of inactivity (Sleep mode)		