



The digital Humidity & Temperature Meter & Wet Bulb Temperature Dew Point temperature Meter has been designed to combine the functions of Humidity Meter, Temperature Meter, Wet Bulb thermometer and Dew point thermometer temperature. It is an ideal Humidity & Temperature Meter with scores of practical applications for laboratory, industrial, Engineer and professional use.



This Humidity & Temperature Meter is for uses a humidity & temperature semiconductor sensor.



## DT-321S

### DIGITAL HUMIDITY + THERMOMETER

- | Fast Response Time %RH: 10S (90% at 25°C still air)
- | High Accuracy
- | Dew Point Temperature (-30°C~100°C/-22°F~199°F)
- | Wet Bulb Temperature ( 0°C~80°C/32°F~176°F)
- | Resolution 0.01%RH, 0.01°C/0.01°F
- | Max Hold and Data Hold Function
- | Micro Processor-based Design
- | Dual Display Temperature & Humidity
- | Auto Power Off, Disable Sleep Mode
- | Backlight
- | Mini Size
- | Size (H\*W\*D): 225\*45\*34mm
- | Weight: 200g

#### Contact :

**EASTERN ENERGY CO.,LTD. (HEAD OFFICE)**

40/4 Vitoondumri Rd., Banbueng, Banbueng, Chonburi 20170

Tel: 0-3844-6117 Fax: 0-3844-6200

Email: info@ete.co.th

# DT-321S

## Digital Humidity + Thermometer



High Quality Sensor



### General Specifications

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 output.
Response Time	%RH : 10S (90% at +25°C still air)
Accuracy Note	Accuracy is specified for the following ambient temperature range : 64 to 82°F (18 to 28°C)
Sampling Rate	2.5 samples per second
Polarity	Automatic, (-)negative polarity indication
Over-range	"OL" mark indication
Low Battery Indication	The "⊕" is displayed when the battery voltage drops below the operating level.
Operating Conditions	32 to 104°F (0 to 40°C); < 80% RH non-condensing
Storage Conditions	14 to 140°F (-10 to 60°C); <80% RH non-condensing
Auto Power Off	Meter automatically shuts down after approx.15 minutes of inactivity (Sleep Mode) Disable Option
Power	One standard 9V, NEDA1604 or 6F22 battery
Dimensions/Wt.	225 (H) x 45 (W) x 34 (D) mm/200g
<b>Humidity / Temperature Measurement Range</b>	
Humidity	0%~100%RH
Temperature	-30°C~ 100°C, -30°F~ 199°F
Resolution	0.01% RH, 0.01°C/F
Humidity Accuracy	± 2%RH (at 25°C, 20%~80% RH) ± 2.5%RH (at other ranges)
Note : The measuring range is from 0% to 100%, but above 80% and below 20% the deviation is not specified	
Air Temperature Accuracy	± 0.5°C/± 0.9°F (at 25°C) + 0.8°C/+ 1.5°F (all other ranges)

### ACCESSORIES

Battery, Carrying Case, Instruction Manual and Test Certificate.

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Email: info@ete.co.th

**EASTERN ENERGY CO.,LTD. (RANGSIT BRANCH)**

801/192 Moo.8 Kukot, Lamlukka, Pathumthani 12130  
Tel: 0-2531-3833, Fax: 0-2531-3833  
Email: info@ete.co.th

