

# Evolution

## 21ST CENTURY HUMIDITY AND TEMPERATURE MEASUREMENT

The acclaimed Comark Evolution range now includes two humidity and temperature meters. Humidity and temperature are essential measurements throughout industry. Applications include: heating, ventilation, air conditioning and refrigeration, food production and processing and building management from hotels and hospitals to art galleries and museums.

Both instruments are housed in the practical, stylish and tough Evolution case and offer:

- IP67 protection against dust and water penetration
- Sealed, soft-touch keypads and easy access to the battery compartment
- Large data display for simultaneous readings of either relative humidity or calculated dewpoint, temperature and ambient temperature
- Dewpoint Calculation from measured temperature and humidity values, essential for controlled environments
- Design and production to the Comark ISO9001 accredited quality standards
- Optional slip-on boot for additional protection against knocks and severe handling
- Data hold of current, maximum and minimum readings
- Temperature display selectable in °C or °F
- Selectable auto switch off to save battery life
- UKAS certificates of calibration from the Comark accredited temperature and humidity laboratory for use in quality systems

2 YEAR WARRANTY

Top: N8004 with external humidity/temperature probe

Right: N8006 with integral humidity/temperature sensor

### N8004 with Separate Temperature and Humidity Sensor

The N8004 has a removable, combined temperature and humidity sensor. The sensor features a 0.75m flexible lead enabling readings to be taken wherever needed.

- Capacitive humidity sensor provides fast response for quicker readings
- Thermistor sensor for accurate temperature readings
- Specially designed 8-way Lumberg connector for the combined temperature and humidity sensor
- Supplied with fitted carrying case

### N8006 with Integral Temperature and Humidity Sensor

The N8006 has an integral sensor for quick and convenient checks.

- Capacitive humidity sensor provides fast response for quicker readings
- Thermistor sensor for accurate temperature readings

Comark is the leading manufacturer and supplier of a wide range of electronic measurement instruments for temperature, humidity, pressure, airflow and pH.

Click on [www.comarkltd.com](http://www.comarkltd.com) for more information

# COMARK

Comark™  
Kane-May™



COMARK

## Technical Specifications

Sensors	
Humidity	HC 1000 capacitive sensor
Temperature	10K thermistor sensor
Measurement Range	
Humidity	0 to 100%RH
Temperature	-20°C to +60°C, -4°F to +140°F
Scales	
	RH, °C, °F, DP
Resolution	
Humidity	0.1%RH
Temperature	0.1°
Accuracy	
Humidity	
0 to 90%RH	±2%RH
90 to 100%RH	±3%RH
Temperature	±0.5°C, ±0.9°F
Environmental Protection	
	IP67, BS 5490, IEC 529
Operating Temperature Range	
	-20°C to +60°C, -4°F to +140°F
Response Time	
	2 minutes in moving air
Battery	
	2 x type I.E.C. LR6 Size AA
Battery Life (continuous)	
N8004	250 hours alkaline
N8006	300 hours alkaline
Dimensions	
N8004 and N8006	L 183mm x W68/79mm x D 31mm L 7.2" x W 2.68/3.11" x D 1.22"
N81 sensor	L 200mm x Diameter 23mm L 7.8" x Diameter 0.92"
Weight	
N8004 and N8006	270g/9.5oz
N81	126g/4.4oz
Accessories	
MC80	Carrying case for N8004 or N8006
CRS/4	Protective rubber slip-on boot, with wrist strap
N81	Humidity and temperature sensor with 0.75m, 30" lead for N8004
4605/5	Stainless steel cover for N8006 and N81

## EASY ORDERING WITH COMARK



You can buy your selected instruments, probes and accessories from your local Comark distributor, or direct from Comark.

For direct orders simply call, fax or email the Comark Sales Office and pay by Visa, MasterCard, Switch card, or cheque. If you intend to place regular orders please ask about opening a credit account. If you already have a Comark account please quote your account number on all orders.

### Speedy Delivery & Charges

Prices exclude VAT at the current rate and all orders are subject to a delivery charge. Our express delivery service is charged at £8.00 within the UK mainland. Prices for other delivery options and destinations are available on request.

### Warranty

All Comark instruments have a minimum one year warranty unless otherwise stated.

The warranty period for temperature probes is for six months and all other probes and electrodes are unwarranted because the conditions of use are beyond our control.

The Comark warranty covers manufacturing defects and component failure and applies worldwide.

The warranty does not affect your statutory rights.

In line with our policy of continuous development we reserve the right to alter any product specifications without notice.

### Contacts

Comark Sales Office: 01438 (+44 1438) 367367 Email UK & Ireland: salesuk@comarkltd.com Email International: salesint@comarkltd.com

### Calibration, Certification and Service

Comark has an accredited UKAS calibration laboratory for temperature and humidity measurement and can offer full service and recalibration facilities. Please ask for prices and details.

Distributed by:



# COMARK

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CERTIFICATE No. FM12129  
ISO 9001

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