ENGEZER

SOLUÇÕES EM ANÁLISE DE GASES

Easidew Portátil Higrômetro Portátil

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Easidew Portable

Hygrometer

A rugged, compact and easy to use portable hygrometer with fast response, integrated sampling system and traceability to National Standards

Features

- Wide measurement range
- Simple operation
- Integral sampling system
- IP68 (NEMA 6P) industrial Case
- ±2°C dew point accuracy
- Traceable to National Standards
- Battery Powered

Applications

- Compressed air dryers
- Medical gases
- Plastic moulding dryers
- Industrial gases
- Instrument air
- Ozone generators
- ... and many more

MICHELL Instruments

Easidew Portable

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Hygrometer

Affordable, Simple Dew Point Measurement

The Easidew Portable Hygrometer has been designed to make in-field checks of the dew point in air and gases as simple and quick as possible. This totally self-contained instrument, weighing only 4 kg, is delivered ready to use. Simply connect your sample gas to the Quick Connect fittings, turn on the instrument and it will instantly display the dew point of the applied sample.

Intelligent and Interchangeable Sensor Technology

The key to Easidew's performance is its sensor technology. Michell's Advanced Ceramic Moisture Sensor is coupled with the latest microprocessor based measurement circuitry to produce a fully calibrated and interchangeable sensor transmitter module. All calibration data is stored within the memory and so sensor exchange for calibration or service can be effected in seconds, even by untrained personnel.

Fully Integrated Sampling System

Easidew is unique amongst portable hygrometers. Michell Instruments have built into the design a complete sampling system that allows you to easily measure the dew point of any air or gas line, clean or dirty, at up to 2 MPa (20 Barg) pressure. The two fixed orifices allow you to choose between dew point measured at atmospheric or system pressure by simple reversing the orifice position. An integrated filter housing, accepting standard fibre filter cartridges, gives 99.5 % protection against particles to 0.3 micron. All this comes as standard. Optionally, Swagelok® couplings can be specified to allow operation of the unit at up to 30 MPa (300 Barg).

Measurement in Your Control

Easidew Portable features an extremely clear and bright 13 mm red LED display so that you can easily determine the dew point of your process even in the most dimly lit plant. We also provide you with a 4-20 mA analogue output for connection to a chart recorder, data-logger or computer system, so you can analyse trends in dew point over time.

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Easidew TX

Easidew Online

Practical Design

A field instrument must be easy to carry as well as easy to use. As its name suggests, Easidew Portable has been designed to be perfectly transportable. It is small with an ergonomic carry handle, weighs only 4 kg and its robust bright yellow colour means it will never be lost! On the functional side, Easidew Portable is protected to IP68, (NEMA 6P) when the lid is closed and, even when in operation, offers IP54 (NEMA 12) protection.

Long Battery Life

Easidew Portable uses re-chargeable C type cells and is delivered complete with a universal battery charger that fits neatly into the instrument lid. It will operate for up to sixteen hours on a full charge. The batteries are located behind an easy-to-remove panel at the front of the instrument and can be replaced in an emergency by standard C cells. A battery charge indicator on the instrument front panel keeps you constantly informed of battery status.

Cermax

Optidew

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice.

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Easidew Portable

Hygrometer

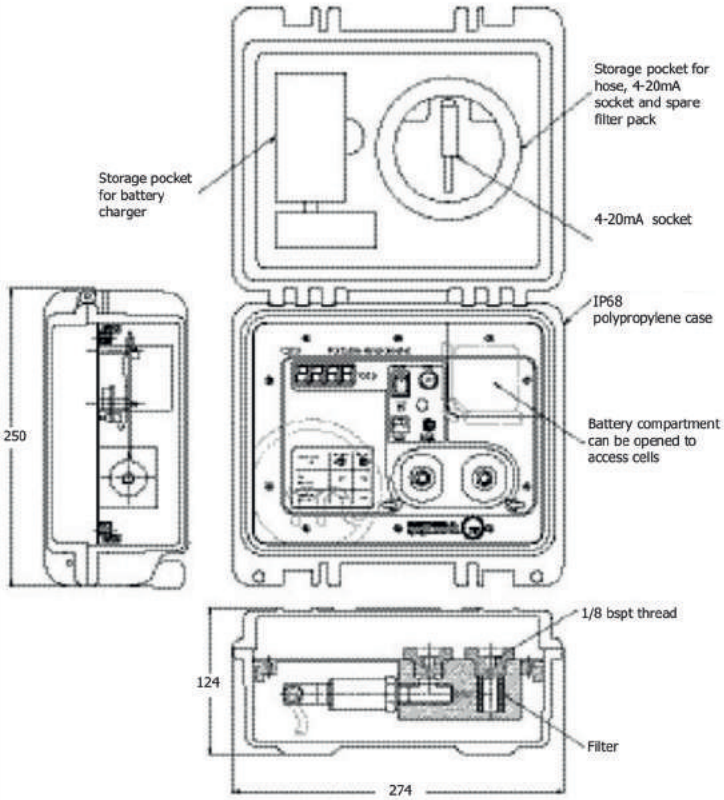
Technical Specifications

Measurement range	-100 to +20°C dew point
Accuracy	±2°C dew point
Operating temperature	-20 to +50°C
Storage temperature	-40 to +75°C
Operating pressure	0.1 to 2 MPa standard; up to 30 MPa (300 Barg) with optional Swagelok® couplings
Display	3.5 digit LED display flush mounted
Outputs	4-20 mA signal via 1/4" jackplug, max load resistance 400 Ω
Case	Yellow polypropylene, Class 5 re-cyclable. Charger, sample tubing and output jack held in case lid
Ingress protection	IP68 (NEMA 6P) rated with case closed IP54 (NEMA 12) rated with case open
Power	Four C type re-chargeable cells. Battery status indicator
Charger	Universal input type with IEC socket
Run time	12-16 hours
Charge time	16 hours (max)
Sample connections	Legris type push fit pneumatic fittings for gas in / gas out
Sample block	Stainless steel, fully self-contained sample system with provision for filtration via standard drop-in cartridge and fixed orifice ports for flow control/pressure/atmospheric measurement
Sample tubing	2 m of 6 mm O/D PTFE supplied
Filter cartridge	99.5 % retention @ 0.3 micron supplied with cartridge fitted. Spare cartridges are available (part no: 9996031)

OPTIONS:

Easidew dessicator - Dessicant package for use with Easidew Portable to reduce response time to measure dewpoints <-60°C

Dimensions



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Caso queira adaptar este produto a suas necessidades usando um sistema de condicionamento, uma automação ou formando um produto, contate:

COMERCIAL@ENGEZER.COM.BR

**para mais informações ou preços*

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