

Skolnik AccuHume™ Relative Humidity Monitor

Model 74-283

The control of electrostatic discharge (ESD) can be easily implemented by an ESD Control Program. What are frequently overlooked are the inherent environmental conditions and their control, such as the humidity. The most significant environmental factor in ESD Control is the relative humidity (RH). Humidity control limits the triboelectric charging process, and humidification of over 30% RH is recommended in electrostatic-protected areas (EPA).

Skolnik AccuHume™ Relative Humidity (RH) Monitor is designed to ensure the desirable RH levels. The AccuHume™ will display the current RH state, for your RH monitoring:

- Normal (Green Light)
- Caution (Yellow Light)
- Unacceptable (Red Light)

Skolnik AccuHume™ offers fail-safe humidity monitoring solutions that are easy to install and use. To program your desired RH value, simply press the appropriate button. When the RH value increases or decreases outside the desired limits, the “Caution (Yellow)” or “Unacceptable (Red)” light will illuminate accordingly, to alert you for any necessary corrective action. As an additional warning option, an audible alarm is also available, which can be activated or deactivated.

For applications that require complete, accurate humidity records, the RS-232 output can also be connected to a PC for data collection, logging, graphing and documentation.



Features

Indoor Hygrometer – Accurate, fail-safe humidity monitor solutions

Provides early warning notification for out-of-spec RH conditions (high or low)

Easy to use with programmable Normal, Caution & Unacceptable RH alerts

Large, colorful, easy-to-see light display RH alerts

Audible alarm with adjustable set points

RS-232 output, CSV, ASCII for data collection

Table top or wall mount with easy installation

Clean room compatible

NIST Calibrateable

Specifications

RH Range:	5% - 90%
Accuracy:	±5%
Temperature:	32-122°F (0-50°C)
Power Input:	12VDC at 1/2 A
Dimensions:	3”(L)x 4”(W)x 6”(H) (7.5cm x 10cm x 15cm)
Weight:	15 oz. (415g)
Beeper:	Piezoelectric
Lights:	Incandescent
Sensor:	Resistance Polymer
Response Time:	5 Seconds
Price:	\$795 (USD)

Applications

Electronics Labs
ESD Protected Areas
Computer rooms
Explosive Labs
Medical, hospitals
Respiratory ailments
Pharmaceuticals
Cosmetics
Food Preparation Industry
Wine Cellars
Musical Instruments Rooms
Museums, Historic Articles
Textile, paper
Humidors

SKOLNIK
Technical Training Institute

13170-B Central Ave. SE
Albuquerque, New Mexico 87123 USA
Phone: 505-299-1157
www.skolnik-tech.com
Email: assist@skolnik-tech.com