5020A Thermo-Hygrometer

主要特性

- Best-in-the-world accuracy - temperature to $\pm$ 0.125 ℃ and RH to $\pm$ 1.5 %
- Large LCD for clear display of trend charts, statistics, real-time and historical data
- Two probe inputs for local and remote monitoring
- Two probe models to choose from for each input - the "S" ($\pm$ 0.25 ℃ / $\pm$ 2 % RH) and the "H" ($\pm$ 0.125 C / $\pm$ 1.5 % RH)
- Probes contain their own calibration data for convenient, easy recalibrations
- Calculates and displays statistics, dew point, heat index, and rate of change
- On-board memory holds 400 K time/date-stamped readings; optional PC card holds millions more
- Visual and audio alarms for numerous alarm or fault conditions
- IrDA and RS-232 for easy computer and printer interface
- Optional 5020A-LW3 software logs in real time or shows graphical/statistical data from PC card
- Interfaces with Fluke MET/CAL® Plus Calibration Management Software

产品概述: 5020A Thermo-Hygrometer

Dual inputs provide exceptional accuracy
The Fluke 5020A has two inputs with removable sensing probes. Each probe stores its own calibration constants, allowing probes to be used interchangeably between channels and between 5020A units while retaining full

calibration integrity.

Two types of probes are available. The "S" model provides standard accuracies of ± 0.25 ℃/ ± 2 % RH, while the "H" model provides accuracy of ± 0.125 ℃/± 1.5 % RH. Both probes can be connected to optional extension cables and mounted in remote locations up to 50 feet away from the 5020A mainframe using the optional probe wall mount bracket. Alternative, one probe can be mounted directly to the top of the 5020A.

Wide variety of display configurations and parameters
The 5020A calculates dew point, heat index, and rates of change for temperature and humidity. Min, max, and a variety of other statistics are calculated and can be shown in more than 16 different user configurable display formats and more than 12 display parameters. Daily summary statistics, including min, max, and maximum rates of change are stored for the most recent 60 days.

Alarms
Alarms may be set based on temperature, RH, or on rate of change of either parameter with the Fluke 5020A. Alarms are recorded to the data file as well, giving the user the option of a visual alarm (display flashing), audible alarm (beep) enunciation, or both. In addition to the setting of alarm points from the easy-to-use keyboard and menu system of the 5020A, alarms can be set using the 5020A-LW3 configuration, logging and trending software.

Memory
The 5020A has internal memory which can store up to 400,000 time-stamped data points. An optional 64 MB flash PC memory card is available that allows the 5020A to store years of data. Data from the PC memory card or internal memory may be displayed on the 5020A display using the convenient push-button menu system or downloaded to a PC.

Security
The 5020A satisfies many regulatory requirements for security with its ability to respond to user name and password to ensure secure data. Password access to sensor information, data records, statistics, alarms and time are all built into the 5020A.

MET/CAL® Plus Calibration Software interface
The Fluke 5020A is easily interfaced to Fluke's MET/CAL® Plus, the worldwide de facto standard in calibration software. This unique feature allows MET/CAL Plus software (versions 7 or higher) to read temperature and humidity from the 5020A directly into a calibration record as you start to run a procedure. All the environmental information required for your calibration becomes a permanent part of the calibration record - without requiring you to enter the data manually or add it later when you create a report. And using the 5020A with MET/CAL Plus software is easy, allowing you even greater automation and convenience.

Multi-station, multi-room capability
MET/CAL Plus software can read multiple 5020As located in different calibration areas, providing a perfect solution for large calibration labs with multiple rooms or MET/CAL Plus software stations. Because each 5020A is assigned a unique asset number, it can be viewed from any MET/CAL software station in your system. This unique number also provides identification required for traceability in quality and regulatory records.

Optional software retrieves, stores, analyzes data
5020A-LW3 for Fluke software is a versatile application that retrieves data from the Fluke 5020A and stores it in a single database, to provide flexible, real-time and historical data management. You can view data in easily-

customized graphical and statistical formats for one or both sensors at user-defined time intervals. View real-time data as it streams into a chart format customized for your particular application.

5020A-LW3 lets you perform a variety of tasks:

- Customize multi-graph displays
- Review critical statistics at a glance
- Export data to popular spreadsheet programs
- Easily import data from your PC card or from the 5020A's onboard memory
- Control and trigger alarm events
- Configure multiple user accounts and security access
- Assign or change sensor names
- Store setup files

产品规格: 5020A Thermo-Hygrometer

型号

5020-H
福禄克高精度温湿度表

- 高精度探头
- 壁式支架
- RS-232 电缆

5020A-S
福禄克温湿度表，标准精度

- 探头
- 壁式支架
- RS-232 电缆

5020A-HKIT
福禄克湿温表，高精度

- 高精度 5020-H 探头
- 壁式支架
- RS-232 电缆
- 高精度备用探头套件
- 5027A-H 和 5020A-LW34 软件，单个 PC 许可

5020A-LW3
5020A-LW3

https://test.yed.njzhouji.com/product/过程校准及检测工具/humidity-calibration/5020a

5020A-LW3LIC

5020A-LW3 许可证（用于另外增加的 PC）

https://test.yed.njzhouji.com/product/过程校准及检测工具/humidity-calibration/5020a