



Swema 3000 - all in one

Multi-purpose instrument

Swema 3000 is the follow up of SwemaAir 300. All probes and measurement methods are in new Swema 3000.

All web pages with SwemaAir 300 will be replaced by Swema 3000 information.

The multi-purpose Swema 3000 is ideal in a broad range of applications, including indoor climate, comfort, air-conditioning, ventilation, energy saving and improving working environments. Swema 3000 is a microprocessor-based instrument that uses the latest technology to adapt easily to a broad range of measurement needs. Moreover, Swema 3000 incorporates powerful built-in calculation and documentation features that vastly simplify field work.

You can select from among numerous sensors, each of which is calibrated individually and fully interchangeable, for outstanding flexibility. Swema 3000 is an effective tool, designed for professionals in this demanding field.

This instrument, which has ten different programs, calculates averages, maximums, minimums and standard deviations. The log-book has a capacity of 1600 reports. The data logger has a capacity of 20.000 readings.

Part no.

764.200 Swema 3000 instrument only

764.201 Swema 3000, barometer, K connector

Outstanding Swema 3000 features include:

- * **Telescopic sensor for air velocity and temperature, with temperature-compensated measurement range.**
- * **Air flow rate measured directly in l/s or m³/h. User can specify either duct diameter or width and height.**
- * **Auto-sampling for turbulence measurements and automatic cross-sweeps of grilles and the like.**
- * **Pressure sensors that measure air velocity and air flow rate using pitot static tubes as well as flow with pressure drop.**
- * **Average values, maximums and minimums.**
- * **Hood for direct air flow measurement on ventilation inlets/outlets .**
- * **Calculation of flow totals for two or more measurements.**
- * **Unique directionally independent draught sensor that calculates the Draught Rate (DR%).**
- * **Probes for relative humidity, dew point and the water content of air.**
- * **Broad assortment of temperature sensors for air, surfaces and liquids.**
- * **Memory where your readings can be stored in the form of finished measurement reports.**
- * **Data logger on which you can set the desired measurement interval and report interval.**
- * **Easy transmission of measurement reports or collected readings to PC.**

Temperature operating range: 0...+50°C

Memory capacity (Current-independent):

approx. 200 notes in note book or

1500 pairs of values or 2500 single values in logg book

Interchangeability accuracy: Negligible in relation to accuracy of probes.

Battery 9V IEC 6 F22 Battery life 6 to 10 hours,

depending on probe and air velocity, with alkaline battery.

Interface: RS232

Tested according to EN 50081-1 and EN 50082-1.