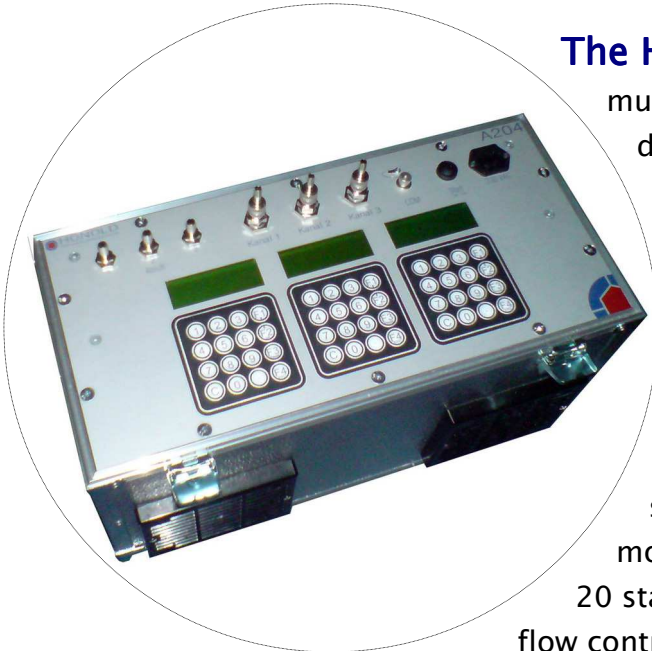


A300

Unique multi-channel sampling for ambient air monitoring!



The Honold A300 is the innovative and leading edge multi-channel air sampling system for analysis of e.g. dust, asbestos, PCB etc. Its fully integrated and optimized functionality offers multi-channel channel sampling with up to three sampling channels. Every channel can be individually adjusted by flow rate, volume, period and timing – working simultaneously and independent from each other channel. Multiple samples can be taken at one time and with one device, saving time by sampling simultaneous, not successively. Three alternative flow modules cover a large flow range reaching from 0.05 to 20 standard liters per minute. The innovative automatic flow control and stop functionality, specialized data memory functions and auto seal test make the A300 a powerful tool – easy to use

under all working conditions. More A300-benefits that improve easy operation and reliable results are its latest sensor and chip technology, the intuitive workflow guidance and its rugged design (19"/4). The A300 enables an increased sample throughput in short time, high accuracy and data consistency and provides top quality and safety as well as cost efficiency.

Make your analysis more easy and accurate by applying the unique Honold A300 multichannel-sampling-system!

Honold Quality & Safety Standards strive for top quality and leading edge products offering you safety and peace of mind. All 'Honold Umweltmesstechnik' products fully comply with the international and german rules and regulations of ISO, EN, DIN and VDI. Maintenance, consulting, quality control and logistics services complement our products, including.

Excited? Talk to us!

Key features that improve results and performance your benefits ...

- ✓ Simultaneous sampling in up to three independent flow-channels
- ✓ For of all common applications (adsorbents, filters, vials ... gas, dust, asbestos, AMF)
- ✓ Compact and rugged design, 8–15 kg weight.
- ✓ Microprocessor controlling a fast and precise measurement by thermal mass flow sensors.
- ✓ Intuitive workflow guidance and fit-for-purpose sampling programs.

- ✓ Parameterization of flow rate, sampling volume/duration by keypad and LCD.
- ✓ Different standard conditions of temperature and pressure (STP) as ATP/ NIST (20 °C, 1013 hPa), DIN/ IUPAC (0 °C, 1013 hPa) as well as fully individual conditions in temperature and pressure.
- ✓ Time-delayed start up to 23:59 hours in advance, individually for each channel.
- ✓ Real time display of sample and measurement data.
- ✓ Constant flow control with automatic stop functionality at target volume.
- ✓ Shift of flow rate (up/down) and temporary interruption of measurement by keypress.
- ✓ Auto Seal Test for quick and easy identification of leakages of sampling system, incl. recording in system data storage.
- ✓ Data storage for up to 30 measurement data files per channel.
- ✓ Automatic data-saving at power failure.

- ✓ Delivery includes operating instructions, calibration report, mains cable and shoulder brace.
- ✓ Full compliance with german and international measurement regulations.
- ✓ Ultimate customer care through application hotline and technical service.



Options and Accessories:

- Modular stand with quick connectors for filter mound at standard height e.g. 1.5 m.
- Gas filters, adsorbents, gas coolers and other conditioners for protection against Humidity and corrosive Media.
- Septum for gas sampling with gastight syringe and ampoules or vials.
- Borehole probes and packers.
- Adapter for connection of diverse sampling containments and measurement devices.

Technical Data

Flow measurement:	Thermal mass flow sensing, pressure- and temperature-independent.
Sampling flow range:	<ul style="list-style-type: none">• Channel-module with flow range 0.1-1.0 standard litres per minute (Air @ 0 °C and 1013 hPa). Flow range extension up to 0.05 - 1.0 l/min (for e.g. thermodesorption tubes) on request.• Channel-module with flow range 0.5-10.0 standard litres per minute (Air @ 0 °C and 1013 hPa). Flow range extension up to 0.3 - 10.0 l/min on request.• Channel-module with flow range 1-20.0 standard litres per minute (Air @ 0 °C and 1013 hPa).• Flow reference/standard liters per minute (SLPM) at adjustable standard conditions of temperature and pressure (STP) as ATP/NIST-conditions (@ 20 °C, 1013 hPa), DIN/IUPAC-conditions (@0 °C, 1013 hPa) or user-related fully individualized conditions.• Automatic constant flow control!• Special models and additional flow ranges on demand.
Sampling volume:	0.1 - 9999.9 standard litres
Differential pressure:	0 to -200...-520 hPa, depending on measurement range and flow rate.
Temperature range:	5 - 40 °C media temperature, 0 - 40 °C ambient temperature.
Humidity range:	10 - 90 % r.H., non-condensing.
operating voltage:	230 VAC-Operation (mains cable inclusive), 115VAC or other type on demand.
Data memory:	Data storage Capacity up to 4x30 records, consisting of values of sampling volume and flow, starting time, duration, vacuum, status and additional information on e.g. sampling methods.
PC-interface:	RS232-interface including connector cable for easy data download.
Dimensions:	Length 52 x width 22-27 x height 44 cm
Weight:	8-15 kg (varying by configuration, excl. accessories).
Special functions:	Auto seal test incl. recording in system data storage. Time-delayed start up to 23:59 hours in advance Automatic data-saving at power failure