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## Bauer Aerotest Simultan HP

The Bauer Aerotest Simultan HP allows reliable measuring of CO, CO<sub>2</sub>, H<sub>2</sub>O and oil and also detects synthetic oils. It can be used on the compressor or directly on the cylinder and allows quick check on site. The measuring of breaking air is in accordance with DIN EN 12021.

The Bauer Aerotest Simultan HP tests the quality of breathing air quickly and reliably.

Carbon Monoxide (CO) and Carbon Dioxide (CO<sub>2</sub>) contained in breathing air have lead to several fatal accidents. If the water content in the air is too high, the risk of diving accidents due to the threat of icing of regulator valves is dangerously increased.

Corrosion due to humidity causes severe and permanent damage to the equipment. Aerotest Simultan HP guarantees the observance of the safety limits of the breathing air standard DIN EN 12021 and therefore provides protection for life, health and material.

Diving centres, fire brigades, hospitals and other institutions relying on absolutely pure and safe breathing air have already trusted for years in the proven measuring technology of the Aerotest Simultan HP.

Owing to its low weight and compact dimensions, Aerotest Simultan HP fits into any baggage and can therefore be comfortably used worldwide as a portable device.

Due to its measuring accuracy, Aerotest Simultan HP can be used for certification of diving centres, diving shops and fire brigades in regard to their breathing air quality.

The Aerotest Simultan HP includes:

- Impactor (10 pcs per package)
- Impactor Adaptor

- Measuring Device
- Adaptor (200/300 bar)
- Pressure Reducer
- Stopwatch
- Carrier Case
- Tube Opener
- Measuring Tubes (10 pcs per package)

### Impactor

With the help of the hitherto existing portable measuring devices, synthetic oils could hardly be detected.

Besides the measure of mineral oils, the new Aerotest Simultan HP is now able to provide the difficult evidence of synthetic oils.

### Measuring Device

Aerotest Simultan HP enables you to carry out an easy, quick and safe measuring of the breathing air according to DIN EN 12021.

The measuring device allows the simultaneous measurement of CO, CO<sub>2</sub>, H<sub>2</sub>O and oil in breathing air.

The measuring tubes can be inserted quickly and easily.

Safe and quick reading of the measuring results on the measuring tube / Impactor with the aid of the enclosed chart.

### Safe measuring by system

Measuring the breathing air quality with Aerotest Simultan HP is quick and very easy:

- First, the pressure reducer is connected to the air outlet.
- Next, the measuring device is coupled to the pressure reducer.

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- The measuring tubes for measuring CO, CO<sub>2</sub> and H<sub>2</sub>O as well as the Impactor for measuring oils are inserted into the measuring device.
- The compressor is started or the valve of the pressure cylinder is opened and simultaneously, timing is started with the stopwatch.
- After expiration of the period prescribed for the measuring procedure, the impactor and the measuring tubes are removed from the measuring device.
- The measuring result has to be compared with the enclosed chart. That's it!

### Specification

Measureable gases	CO, CO <sub>2</sub> , H <sub>2</sub> O
Measurable oil grade	Synthetic, mineral
Dimensions (L x W x H)*	30cm x 36cm x 8cm
Weight	Approx. 3kg
Connection	G 5/8"

\* Dimensions of the carrier case

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