

LABORHITS

Measuring pollution in the air



- For Workplace Safety
- Rapid analysis of air pollutants
- Easy handling
- High accuracy
- Highly versatile
- Measurement of more than 500 substances possible



Air Flow Tester

In many fields, such as mining or industry, it is very important to detect even the smallest air flows, in order to quickly and reliably evaluate the possible diffusion of dangerous

substances. With the air flow test tubes, the source, direction and speed of the air flow are visible immediately.

| Description | PK | Cat. No. |
|---|----|------------------|
| Air Flow Tester (Set with blower ball and 10 flow test tubes) | 1 | 6.054 581 |
| Blower Ball | 1 | 6.200 206 |
| Flow test tubes | 10 | 6.076 362 |



Dräger Aerotest Alpha

The Dräger Aerotest Alpha allows the quality of breathing air supplied by a compressor or compressed gas cylinder to be determined. Use of the test system performs a reliable check in accordance with the breathing air standard EN 12 021.

Scope of delivery

comprising of 1 pressure reducer, measuring device for 4 tubes, impactor adapter, coupling, barbed nipple, stopwatch, tube opener Dräger TO 7000, bubble test hose, pack of 5 sintered filters, instruction for use, transport case

Specifications

| | |
|---|--------------------|
| Dimensions of carrying case (L x W x H) | 350 x 300 x 85 mm |
| Weight, including contents | approx. 3.0 kg |
| Max. supply pressure | max. 15 bar |
| Supply pressure (set on delivery) | 3,0 bar |
| Pressure gauge | 0.3 to 15 bar |
| Connection for compressed air supply | barbed nipple 9 mm |
| Flow rate | 0.2 and 4.0 l/min |

| Description | PK | Cat. No. |
|------------------------|----|------------------|
| Aerotest Alpha | 1 | 6.241 227 |
| Oil-impactor | 10 | 6.241 225 |
| Carbon monoxide 5/a-P | 10 | 6.801 977 |
| Carbon dioxide 100/a-P | 10 | 6.801 978 |
| Water Vapor 5/a-P | 10 | 6.087 703 |
| Water vapour 20/a-p | 10 | 6.801 979 |
| Oil 10/a-P | 10 | 6.078 279 |

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Dräger Tubes®

The Dräger Tubes® measuring system is the safe method for measuring pollutants in the soil, water and air. A defined volume of gas/air must be pumped through the sampling tube. This can be achieved by using the Accuro® gas pump. The strength of the

concentration of the substance is shown by the length of the colour band displayed and can be read directly from the scale. The Dräger-Tubes® sampling system provides accuracy, efficiency, quick and easy handling.

| Description | Measuring range | PK | Cat. No. |
|--|-----------------|----|------------------|
| Accuro gas pump | | 1 | 9.620 410 |
| Gas pump set accuro (incl. bag a. E-Set) | | 1 | 9.620 411 |
| Ammonia 0.25/a tubes | 0.25 to 3 ppm | 10 | 6.056 774 |
| Ammonia 2/a tubes | 2 to 30 ppm | 10 | 9.620 404 |
| Ammonia 5/a tubes | 5 to 700 ppm | 10 | 9.620 405 |
| Petroleum hydrocarbons 10/a tubes | 10 to 300 ppm | 10 | 9.620 426 |
| Chlorine 0.2/a tubes | 0.2 to 3 ppm | 10 | 9.620 407 |
| Formaldehyde 0.2/a tubes | 0.2 to 5 ppm | 10 | 9.620 429 |
| Carbon dioxide 5/a | 5 to 60 Vol. % | 10 | 6.050 554 |
| Carbon dioxide 100/a tubes | 100 to 3000 ppm | 10 | 9.620 408 |
| Carbon monoxide 2/a tubes | 2 to 60 ppm | 10 | 9.620 432 |
| Mercaptan 0.1/a | 0.1 to 2,5 ppm | 10 | 6.230 608 |
| Mercaptan 0.5/a | 0.5 to 5 ppm | 10 | 6.079 278 |
| Mercaptan 20/a | 20 to 100 ppm | 10 | 6.800 619 |
| Nitrous fumes 0.2/a | 0.2 to 30 ppm | 10 | 6.266 890 |
| Hydrogen phosphide 0.01/a tubes | 0.01 to 1 ppm | 10 | 9.620 438 |
| Hydrochloric acid 1/a tubes | 1 to 10 ppm | 10 | 9.620 413 |
| Sulphur dioxide 0.5/a tubes | 0.5 to 25 ppm | 10 | 9.620 420 |
| Hydrogen sulfide 0.2 %/a | 0.2 to 7 Vol. % | 10 | 6.088 166 |
| Hydrogen sulfide 2 %/a | 2 to 40 Vol. % | 10 | 6.203 543 |
| Hydrogen sulfide 0.2/a | 0.2 to 5 ppm | 10 | 6.085 794 |
| Hydrogen sulfide 100/a | 100 to 2000 ppm | 10 | 6.050 553 |
| Hydrogen sulfide 5/b tubes | 5 to 60 ppm | 10 | 9.620 425 |
| Hydrogen sulfide 1/c | 1 to 20 ppm | 10 | 6.052 630 |
| Hydrogen sulfide 1/d tubes | 1 to 200 ppm | 10 | 9.620 443 |
| Water vapor 0.1 | 1 to 40 mg/l | 10 | 6.050 757 |

More products with different measurement ranges and for other materials on request.

Sampling Tubes

Using the Dräger activated charcoal tubes or silica gel tubes, hazardous substances in the air are collected using a suitable medium via adsorption or chemisorption. The sample is then analysed in the laboratory by means

of various analytical methods such as gas chromatography (GC), high performance liquid chromatography (HPLC), UV-VIS photometry, or IR spectroscopy.

| Description | Type | PK | Cat. No. |
|------------------|------|----|------------------|
| Charcoal tubes | BiA | 10 | 9.620 414 |
| Charcoal tubes | G | 10 | 9.620 415 |
| Charcoal tubes | B/G | 10 | 9.620 416 |
| Silica gel tubes | BiG | 10 | 9.620 417 |
| Silica gel tubes | B/G | 10 | 9.620 419 |

