

## Air sampler CIRRUS

The air sampler CIRRUS allows the sampling of a certain volume of air within a short period of time – thus contributing to environmental protection.

- Suction and filtering of airborne particles using filter papers.
- Subsequently, the filter paper with the collected particles will be examined by monitoring devices.
- Version with timer:  
Operation time programmable up to 100 hrs.
- Version with counter of operational time: Display of operational hours (0.01 hr)
- With silencer and safety cable (length 5 m)
- Delivery with test protocol (incl. air flow rate)
- 230 V / 50 Hz / 250 W / ca. 8 kg / Dimensions L x W x H = 200 x 200 x 280 mm.



- Handy, robust and portable construction with handle.
- Housing of aluminium, painted in 2-component procedure.
- With four vibration dampening rubber feet.
- Immediate readiness, simple operation.
- Minimal maintenance, easy decontamination.
- Single test before delivery, incl. test protocol.

Item no.	Description	
110769	<b>Air sampler CIRRUS</b> with timer, incl. filter holder D=55 mm	
115430	<b>Air sampler CIRRUS</b> with counter of operational time, incl. filter holder D=55 mm	

**Spare parts:**

For the air sampler CIRRUS, the following spare parts are available:

Item no.	Description	
100075	<b>Compressor</b>	
103209	<b>Fan</b>	
103480	<b>Service kit</b> , incl. membrane	
110466	<b>Fan grill</b>	
114494	<b>Silencer</b>	
101319	<b>Filter holder</b> for papers with D=55 mm	

**Filter papers (diameter = 55 mm):**

The air sampler CIRRUS can be operated with the following filter papers:

Item no.	Description	
102568	<b>Round filter</b> of high grade cellulose	Packing: Box with 100 pcs.
113035	<b>Round filter</b> of glass fibres GF10	Packing: Box with 100 pcs.
102569	<b>Round filter</b> of activated charcoal	Packing: Box with 100 pcs.

For further information about the filter papers, please consult the product info PI-05199.

**Air flow rate:**

With the air sampler CIRRUS, the following air flow rates are realized:  
(new filter paper, T = 20° C):

Filter holder	Diameter	Cellulose	Glass fibres GF10	Chargoal
101319	55 mm	40 l/min. (2.4 m <sup>3</sup> /h)	40 l/min. (2.4 m <sup>3</sup> /h)	37 l/min. (2.2 m <sup>3</sup> /h)

## Accessories

The CIRRUS FLOW TEST is a measuring device for determination of the air flow rate. It is based on the principle of the floating ball.

- With adapter for connection to the silencer of the air sampler CIRRUS.
- With regulator (must be fully opened during measuring).
- Base plate equipped with four adjustable rubber feet.
- Scale: 5 - 60 NI/min  
Accuracy: +/- 3%
- Delivery with certificate of calibration.

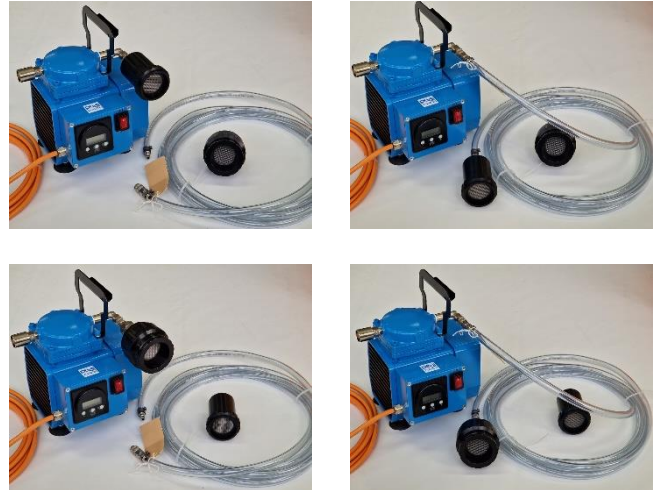


Item no.	Description	
115314	CIRRUS FLOW TEST	Measuring device for air flow rate

Conversion set filter holder:



Possible uses:



Item no.	Description	
115943	<b>CIRRUS conversion set filter holder</b>	Hose extension 5m with quick couplings



Item no.	Description	
103612	<b>Combi filter holder</b> for filter paper and filter cartridge	Filter paper ø50 mm Filter cartridge ø57 x 26 mm
113884	<b>Reduction nipple</b> female thread G ½" ft G ¼"	Mounting adapter
112819	<b>Filter cartridge</b> activated carbon ø57 mm	Set of 10 pcs.