

Air sampler CIRRUS and accessories

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 10 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	CIRRUS with timer, incl. filter holder D=55 mm	
115430	CIRRUS 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	Compressor	
103209	Fan	
103480	Service kit, incl. membrane	
110466	Fan grill	
114494	Silencer	
101319	Filter holder 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	Round filter of high grade cellulose	Packing: Box with 100 pcs.
113035	Round filter of glass fibres GF10	Packing: Box with 100 pcs.
145191	Round filter of glass fibres GF9	Packing: Box with 100 pcs.
102569	Round filter 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	Glass fibres GF9	Chargoal
101319	55 mm	40 l/min.	40 l/min.	36 l/min.	37 l/min.

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: 300 - 3600 NI/h
Accuracy: +/- 3%
- Delivery with certificate of calibration.



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

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



Item no.	Description	
103612	Combi filter holder for filter paper and filter cartridge	Filter paper ø50 mm Filter cartridge ø57 x 26 mm
112819	Filter cartridge activated carbon ø57 mm	Set of 10 pcs.