

# BRECHTEL

**Solutions for your  
research challenges**

## **FILT 8-channel Filter Sampler**

**Model 9401**



Miniaturized eight-channel filter sampler for time-resolved aerosol chemistry measurements

**Features:**

- Eight filters with software actuated sampling
- Portable, lightweight, low power use
- Sample flow rate, pressure and temperature measurements
- Self-contained with on-board software & data storage
- Field tested on unmanned aerial vehicles (UAVs)
- Sampling controllable by remote user command

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# Providing Aerosol Measurement Solutions

## Specifications

Parameter	Value
Number of filter channels	8
Filter type	Teflon, 1 µm pore
Filter size	13mm diameter
Sample flow	0.1-3 lpm
Size: Main body	3" dia x 3.5" high/ 7.6 x 8.9 cm
Size: Pump assembly	3.5 x 2.3 x 2.5 in/ 8.9 x 5.8 x 6.6 cm
Weight	1.5 lbs/0.7 kg
Supply voltage	12 VDC
Power	10 Watts

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\*Some products may be shown with optional accessories, which are sold separately. Items shown may not be to scale.

## Applications

- Mobile platform sampling: UAVs, Balloons, Aircraft, Vehicles
- Personal exposure monitoring
- Climate change field studies
- Air quality monitoring

## How to Order

Part No.	Description
9401	8-channel Filter Sampler
CHEM-FIL100	Package of 100 sample filters for 9401 Filter Sampler
ACC-FILKit	Maintenance kit for 9401 Filter Sampler
ACC-PWR	External 12 VDC power supply for ground operation of any 94XX series instrument
ACC-PC	Computer with 94XX series control software