

# Sas Pyramid

## Q.C. AIR FLOW CHECK

*Position the pyramid on top of the aspirating head of the air sampler and switch on the button*

*Impeller anemometer with LCD display for the routine evaluation of the correct performances of "SAS" air samplers*

*It shows the air flow of any "SAS" microbiological air samplers*

*Reading in litres per minute (l/min) or cubic feet per minute (CFM)*



*Used for internal quality control*

*Measuring time 30 seconds*

*According to Good Laboratory Practice and Good Manufacturing Practice*

*Standard Operating Procedure available*

*Spring-loaded sapphire bearing impeller used in the watch industry for high precision rotations*

## “SAS PYRAMID”

### “Q.C. Air Flow Check” for all “SAS Family” air samplers

The new “SAS PYRAMID” flow check is a new easy-to-use, battery operated system that is applied to control all the air samplers of the “SAS” family.

This instrument is composed of two separate units, a fan and a flowmeter. The perfect balanced fan has a special rubidium-made bearings that generate an electromagnetic field proportional to the fan speed. The flowmeter measures this electromagnetic field and then calculates the exact air flow that is passing through the fan.

## OPERATIONS

1. The “SAS” air sampler should be positioned in vertical position in a quiet place on a strong surface. Avoid current of air around the instrument.
2. Insert a Contact plate (RODAC plate) into the aspirating chamber of the air sampler and screw the aspirating head.
3. Program 1 000 litres of air on the “SAS” air sampler and switch it on.
4. Position the “Pyramid” system on top of the SAS air sampler.
5. Switch on the “Pyramid” system by briefly pressing the switch button of the flow sensor. The software version will appear on the LCD display first, after which the instrument moves into the mode for measuring the current air flow (litres per minute or cubic feet per minute). The measuring time is approximately 30 seconds to obtain a stable data reading.



## TECHNICAL SPECIFICATIONS

Weight: 890 grams

Measurement range: 70-200 litres per minute

Reading: The LCD display can show the results in litres per minutes (L) or cubic feet per minute (CFM).

Power supply: 3 V type CR2032 lithium battery. The normal battery life is 30.000 measurements of 60 seconds

## WHAT TO ORDER

CODE	DESCRIPTION	PACKAGING
89389	“Sas Pyramid” air flow check system with carrying case	1/box

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