

Impactor for Measuring Oil Mist

Order no. 8103560

General data

Use with Aerotest Alpha, MultiTest med. Int., Aerotest Simultan HP

Measuring range:	0.1 mg/m ³ , 0.5 mg/m ³ , 1.0 mg/m ³ oil mist (oil aerosols)
Test volume:	20 L
Flow rate:	4 L/min
Measuring time:	5 min
Evaluation:	Read off oil concentration as per figure

Permissible ambient conditions

Temperature:	10 to 30 °C
Humidity:	up to 60 % relative humidity
Pressure:	only use in depressurized compressed air

Measurement principle

Deflecting the air to be analyzed at right angles in the impactor causes aerosol particles to be deposited on a ground glass plate due to inertia. The aerosol particles collect in recesses in the ground glass, which eliminates the light scatter caused by the ground glass, and the aerosol particles become visible.

Cross-sensitivity

Oil aerosols are displayed irrespective of the type of oil. Please note that oil aerosols vaporize at higher temperatures and oil vapors are not displayed.

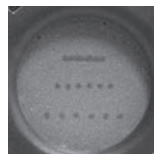
Additional notes

The impactor is used together with the adapter for the impactor (order no. 81 03 557) in the Dräger Aerotest Simultan.



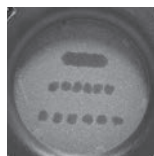
ST-367-2008

Dräger Impactor



ST-1230-2008

0.1 mg/m³



ST-1231-2008

0.5 mg/m³



ST-1232-2008

1.0 mg/m³



ST-604-2008

Adapter with impactor



ST-602-2008

Adapter in the Dräger
Aerotest Simultan