

HM 170.52

Fog generator



Specification

- [1] generation of fog for demonstrations in fluid mechanics
- [2] accessory for the wind tunnel HM 170
- [3] lance with two interchangeable nozzles for adapting to different flow velocities
- [4] glycol mixture for producing fog, non-toxic, non-corrosive, odourless
- [5] continuous operation > 1h

Technical data

Evaporator

- lance: DxL: 13x180mm
- interchangeable nozzles, angled
 - ▶ 2x 0,25mm
 - ▶ 3x 0,5mm
- thermostat: 270°C

Supply unit

- content: 750mL
- power consumption: 500W

230V, 50Hz, 1 phase
 230V, 60Hz, 1 phase
 120V, 60Hz, 1 phase
 UL/CSA optional
 LxWxH: 350x500x300mm
 Weight: approx. 10kg

Scope of delivery

- 1 fog generator
- 1 lance
- 2 nozzles
- 1 glycol mixture (5L)
- 1 manual

Description

- device for visualising the flow
- two interchangeable nozzles for different flow velocities

The fog generator HM 170.52 produces high-density fog by evaporating a liquid glycol mixture, in order to visualise flow. The fog is injected into the wind tunnel as a jet by using a lance. For this reason, the lance is inserted into holes in the channel prepared for this purpose. Two interchangeable nozzles are

available to adapt the discharge velocity of the jet to the flow velocity of the air in the wind tunnel.

The fog generator can also be used to visualise flows at fans, inlets and outlets.

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Required accessories

HM 170 Open wind tunnel