



Test of respiratory masks better than the standard. Exact analysis of filter mask efficiency from 145 nm up to 40 μm . SARS-CoV-2 size approx. 120 nm - 160 nm.

Benefits

- Test rig working principle better than EN 143, EN 149 and EN 13274-7
- Equivalent to GB 2626, 42 CFR 84 and ASTM 2299-3 by additional software option
- Includes 2 Aerosol generators for NaCl and oil
- Upgrade KIT for GB 2626, 42CFR84 and ASTM 2299-3 available
- Testing of fractional efficiency, e.g. efficiency in whole size range of 145 nm up to 40 μm
- Exact analysis of filter and filter mask efficiency for Corona Virus (size approx. 120 nm up to 160 nm) starting at 145 nm
- Future proof: Works with any kind of aerosol without adjustments
- Simulation of breathe resistance by measurement of differential pressure at different face velocities
- Face velocity adjustable between 1.5 - 50 cm/s
- Product capable of fast quality assurance AND continuous optimization in RD (display of size distribution)
- Individual face mask adapter for your product
- Attractive 2 years maintenance package for availability of test rig

Applications

- Test of respiratory masks
- Exact analysis of filter mask efficiency for e.g. Corona Virus
- Filter testing for HEPA quality
- Can be operated as Mas-Q-Check with optional Mas-Q-Head



<https://www.palas.de/product/pmft-1000-m>

PMFT 1000 M



Datasheet

<i>Parameter</i>	<i>Description</i>
Measurement range (size)	0,145 – 40 µm
Volume flow	1 – 27 m ³ /h (Druckbetrieb)
Power supply	115/230 V, 50/60 Hz
Dimensions	approx. 600 • 1,800 • 900 mm (W • H • D)
Installation conditions	10 – 40 °C
Test conditions according to standard	19 –23 °C
Inflow velocity	5 – 100 cm/s (others on request)
Differential pressure measurement	0 – 1200 Pa
Test area of the medium	100 cm ²
Compressed air supply	6 – 8 bar

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