

Mas-Q-Check



For the protection of your employees: Testing of protective masks in one minute before daily use.

*Offer includes testing at Palas with test rig PMFT 1000 (with oil or NaCl) for the determination of penetration for particle sizes of 100 nm to 3 µm (oil) or from 100 nm to 5 µm (NaCl).

Benefits

- Self-explanatory operation
- Quick easy and exact measurement of the degree of protection of masks on site
- Quality control of masks in daily use
- Reral evaluation of the degree of protection from filtration efficiency and leakage combined.
- Highly resolved measurement result in the range of 140 nm up to 1 µm
- Fully automated test
- Evaluation of the degree of protection in comparison to the FFP class, optional display with regard to particle size
- Clear distinction of protection degree in the size range of viruses and bacteria and above

Applications

- Confirmation of the degree of protection of masks
- Confirmation of the protection of employees working in medical environment
- Training to show the correct use of masks with direct measurement of the degree of protection
- Evaluation of the real degree of protection in comparison of the FFP Class



<https://www.palas.de/product/mas-q-check>

Datasheet

<i>Parameter</i>	<i>Description</i>
Measurement range (size)	0.14 – 10 µm
Measuring principle	Optical light-scattering
Measurement range (number C_N)	0 – 20,000 particles/cm ³
Data acquisition	Digital, 20 MHz processor, 256 raw data channels
Power consumption	approx. 200 W
User interface	Touch screen, 800 • 480 pixel, 7"
Reported data	Protection class filter mask
Volume flow (clean air)	9.5 l/min, 95 l/min

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