



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

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