

Everything in the green range? 300 l/min suction rate check!

For fast
measurements
on the
handpiece



Intraoral spray mist suction with a suction rate of at least 300 l/min at the handpiece is a key element of hygiene and infection control measures. The suction system plays the main role in reducing spray mist, thereby effectively preventing the creation of aerosols in the treatment room. With the aid of the flow meter, the suction rate can be measured quickly and easily directly on the handpiece.

Dürr Dental flow meter.

The flow meter is calibrated ex works to a negative pressure of approx. 90 to 150 mbar. For measurements outside this range, the device must be recalibrated accordingly.

1



Push the flow meter onto a large handpiece.



Reading off the suction rate from the scale.

The suction rate should be between 300 l/min and 370 l/min (green range).



2



Additionally, take a small suction hose with saliva ejector hose attached to it from the manifold.



Read off the suction rate from the meter, which is still attached to the large suction hose.

The suction rate should be more than 250 l/min.



If the suction rate is lower than indicated above, please check the suction system. Possible reasons:

- Dirty coarse- or fine-filters
- Line diameters too small/unfavorable pipe design
- Hoses clogged
- Hose cross-sections too small (instrument-hose or hoses in treatment unit)
- Suction unit underpowered or defective

If you have questions, need support or want consulting to improve your setup, please contact one of our Equipment Specialists on 0508 486 252



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0508 486 252 | orders.nz@ivoclar.com
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