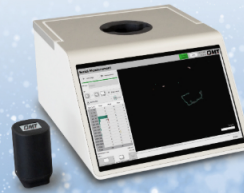


MOPA 1.5

Effective 15.03.2024



We have established a new standard protocol which focuses on ISO 14644 and related standards: higher sensitivity, high light intensity, and improved detection of small particles. This normalised standard recipe will be valid for use with all TapeLift media.

A new version of the PartSens 4.0 firmware will employ an improved algorithm for particle sizing. The sizing algorithm up to now was very much focused on VDA 19 application. As a result, characterization of large particles was the main function and particles below 200 µm were sized larger. The new algorithm avoids the over-sizing of small particles. The above introduced standard recipe will result in optimal particles detection and sizing on TapeLift media.

Reference particles of various sizes designed as real-world-samples with glancing light make it possible to verify the measurement recipe and procedure at the customers' site. This is useful for process development, metrology testing, as well as necessary when measuring on non standard surfaces (= direct measurement). A new manual which reflects the changes and improvements has been edited and will be published.

The upgrade of all PartSens 4.0 systems at the customers' sites is strongly recommended. It is the customer's decision whether he needs to retain the legacy MOPA firmware or to move to the new functionality.

Please contact your local distributor or OMT for questions concerning support, availability of reference particles, and arrangements concerning calibration.

[Release Notes](#)

TOGETHER WE CREATE SOLUTIONS

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