

The PartSens provides a reliable solution to sample surfaces for particle contamination. The ideal PartSens application is a smooth, opaque and planar surface such as a pre-stamped blank aluminum or steel sheet, or a witness wafer.

But what if you have a surface that is not smooth? Not opaque? Or not planar?

PMT has the tools needed to use your PartSens to test any surface!

- Masks / Sampling Jigs:
 - Translucent and transparent materials require a Light Block Mask to prohibit ambient light from adversely effecting the measurement.
 - Sampling larger surfaces in Batch Mode requires strict adherence to protocols to maximize repeatability. A sampling jig will standardize sampling locations.
- Lift Pads allow particles to be removed from *any* surface and measured 'off-line' using the PartSens:
 - Rectangular Mats (7 x 20 cm & 13 x 36 cm)
 - Circular Discs (31 mm & 41 mm)
 - Custom sizes available
 - Complete Lift Pad Kit (includes pads, tweezers, & holder)
- Sampling Head Dies, Collars & Mounts
 - Automating the PartSens requires a custom die to secure the measuring head to the robot for consistent and repeatable results.
 - Collars can be designed to suit your needs such as standardizing sampling position on irregular surfaces or smaller components/coupons (<31mm)
 - Allow our engineering staff to 3D print you a prototype to try out before ordering your machined part!
- Data Feed
 - Replaces printer with serial data port

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