

MRS 152/6,35

Free access for reticles

The Mini Reticle Sorter (MRS) enables fully automated loading and unloading of reticles from and into reticle SMIF pods.

MAIN FACTS

- automated loading and unloading of reticles from/to reticle smif pod
- with integrated:
 - reticle flip
 - reticle rotation
 - reticle inspection
 - pellicle presence detection
- with integrated option of HOYA-box handling
- with integrated option of DMS-box handling
- with integrated flexible reticle gripper
- derived systems:
 - pellicle dismounting tool
 - EUV mask handling



SPECIFICATIONS

- reticle-size: 152 mm x 152 mm x 6,35 mm
- dimension: 1000 mm x 1000 mm x 2290 mm
- weight: 350 kg
- cleanroom class: ISO 1
- handling reach: 600 mm
- handling time: 120 s, including taking over reticle from loadport to vision system, pellicle detection or edge detection, visual inspection of reticle, fully automatic reticle rotation and reticle flip
- interface: SECS/GEM; GUI
- operation: fully automated

