

Measuring and Sorting Machine

visiSort[®]-E



AUTOMATED QUALITY ASSURANCE

Technical Data

General information:

Sorting output: 400 to 1200 units/min.

Diameter: M2 to M8

Length: 8 to 60 mm

Furthermore: Simultaneous image capturing possible

Packaging sizes can be freely selected (check of target specifications)

Error elimination in case of repeat errors (adjustable)

Side camera (back light control):

- Foreign body and burr/chips control
- Total length (incl. head)
- Shank length
- Shank diameter
- Neck length
- Thread presence control
- Thread length, exterior and core diameter
- Presence of safety varnish
- Point control (shank end)
- Head diameter (only round)
- Head height
- Burr on exterior diameter of head
- Angle measurement (e.g. head/shank)

Overhead camera (surface light control):

- Head shape and/or type control
- Spanner/wrench size control (e.g. diameter of hexagon)
- Check of exterior contour of the head for bruises
- Inspection of head for ovality
- Head diameter (d_{min} , d_{max})
- Detection of large cracks in head
- Detection of large scratches
- Control of presence of inner drive
- Burr on exterior diameter of head

Requirements made of the test piece:

- Shank-heavy
- Washed
- Shiny metallic to matt black