

Introduction

Measuring/sorting machine

visiSort[®]-Txs



Inexpensive quality assurance

visicontrol
A Baumer Company

Parts spectrum



Overview of lens range

Variant	Object window OF X x Y (mm)	max. object size in the vertical camera, l x w (mm)	max. object size in the horizontal camera, w x h (mm)	Measurement repeatability (μm)
A	20 x 15	15 x 11	15 x 11	± 6
B	30 x 23	25 x 18	28 x 55	± 10
C	62 x 48	58 x 45	58 x 45	± 17
D	81 x 62	75 x 56	40 x 56	± 22

Performance features

- Throughput: 80-400 parts/min.
- Industrial model, modern design
- Peripheral devices such as bin and packaging can be connected at any time
- Measurement of the outside contour, e.g. diameter, chamfer, radii, thread, angle, grooves ...
- Presence of female threads or surface inspection, e.g. scratches and ridges
- Accuracy from $\pm 3 \mu\text{m}$
- Graphic user interface for creating and storing new visiTeach® inspection and test sequences
- Fast and simple adjustment when parts are changed
- Simultaneous measurement of the parts with up to 2 cameras

Parts specification

- Mass: 0.5 – 50 g
- The aspect ratio (length in conveying direction/height) of the parts must be at least 1.5.
- Width to the conveying direction: 5 – 56 mm
- Height: 1 – 40 mm