

Lite D



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Description

Automatic sorting system composed of two tables which enable the pieces to be checked on both sides. The pieces will be loaded in a bulk and then separated in different bins, into good parts (in the tolerance range) and scraps, at the end of each inspection cycle. The operator sets the machine with the parameters and the tolerances required and as a result, he obtains a complete report of the good parts, the scrap details and the counting for each type. The machine guarantees a perfect repeatability of the checks and traceability of the inspected batches.



Type of check - Camera 1

- Surface inspection side A (min. dimension 4 mm)
- Color identification • Cuts • Scratches
- Inclusions • Haloes • Piece counting • Statistics • Certificate

Type of check - Camera 2

- Surface inspection side B (same characteristics of cam 1)
- Dimensional check: up to 4 measurements per piece
- Profile check (contour)
- Check flash, lack of material and remolded • Concentricity
- Ovalization • Piece counting • Statistics • Certificate

Type of check - Laser

- Planarity • Thickness

Option

- Additional Periferico unit
- Packaging and labelling machine for the inspected and counted parts (in bags).

Technical data sheet

Type of piece:
Color of the piece:
Characteristic of the piece:
Inspection area:
Camera Resolution:
Max framed field:
Laser Resolution:
Laser Precision:
Max.piece's height:
Pieces/sec.:
Zoom:
Measurement repeatability in wide:
Measure repeatability in tele:
Measurement accuracy min/max T/W:
Noise level:
Average consumption:
Three phase power supply:
Max installed power:
Compressed air consumption:

LITE D	LITE D M	LITE D HD	LITE D HD M
elastomers, rigid materials			
all, non transparent			
clean, free of dust or particles that may alter the part's profile			
manual - automatic			
1,25 Mpx	1,25 Mpx	5 Mpx	5 Mpx
55 mm	90 mm	55 mm	85 mm
0,0001	0,0001	0,0001	0,0001
0,005	0,005	0,005	0,005
0,8 - 15 mm	0,8 - 15 mm	0,8 - 15 mm	0,8 - 15 mm
8 pc/sec.(1)	8 pc/sec.(1)	8 pc/sec.(1)	8 pc/sec.(1)
6x man/aut	6x man/aut	6x man/aut	6x man/aut
± 39 µm (2)	± 130 µm (2)	± 12 µm (2)	± 20 µm (2)
± 13 µm (2)	± 21 µm (2)	± 2 µm (2)	± 5 µm (2)
±26/±78 µm	±21/±130µm	±4/±24 µm	±10/±40 µm
< 75 db	< 75 db	< 75 db	< 75 db
1,7 Kw	1,7 Kw	2,2 Kw	2,2 Kw
230/400/440 V (3)	230/400/440 V (3)	230/400/440 V (3)	230/400/440 V (3)
6 kw	6 kw	6 kw	6 kw
800 NL/min	800 NL/min	800 NL/min	800 NL/min

(1) For parts with outside diameter smaller than 10 mm - (2) Test done with a stable part on a glass table, at low speed, on the dimensional station - (3) With 440V only 60