



LONGHILL MODEL LH890A AUTOMATIC WAFER ID READER & PRINTER

FEATURES

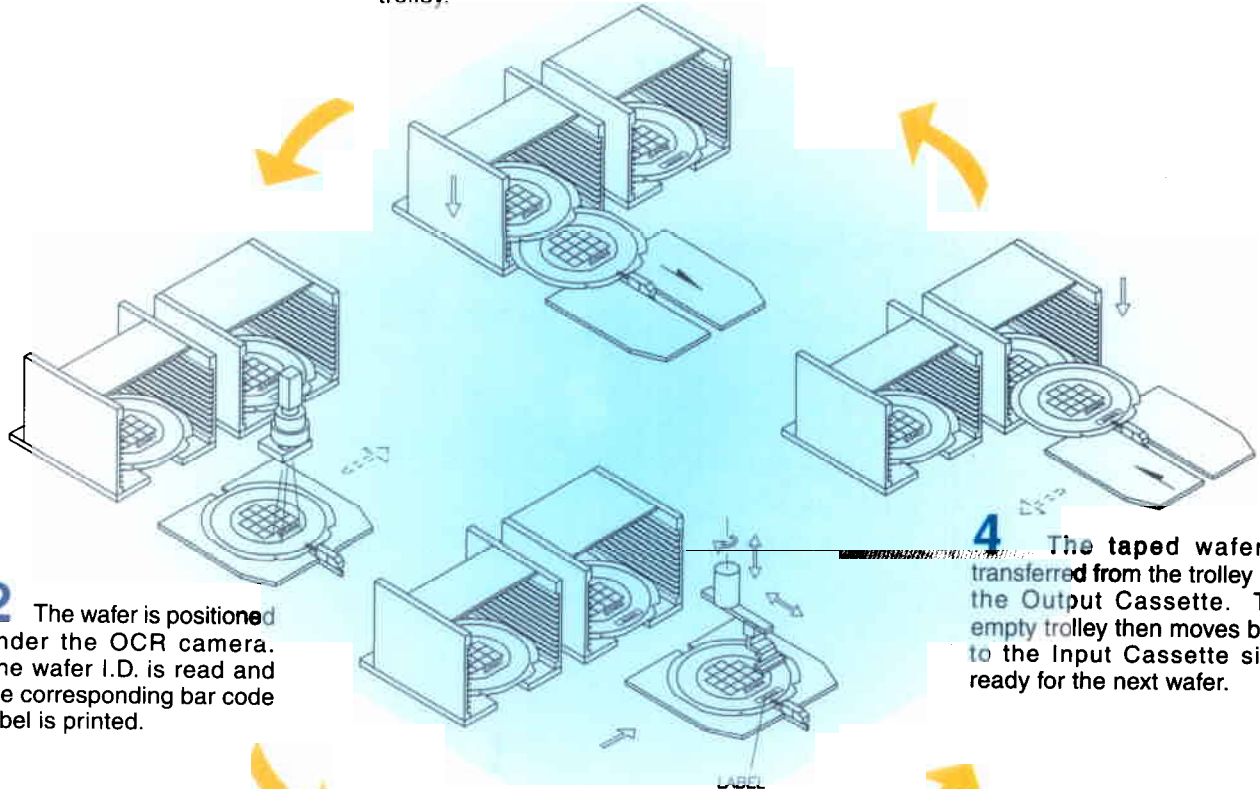
- Advanced Optical Character Recognition (OCR), Read Rate 99%
- Arc Shape Wafer ID Recognition
- Auto Optimization of Illumination
- Auto Barcode Label Printing
- Programmable Label Position
- Auto Cassette to Cassette Handler
- Allow Matching of Input & Output Cassette
- Industrial PC Control with Diagnostics
- Fast Change Over
- Manual ID Entry

OPTIONS

- Programmable Camera Position
- Barcode Label Verifier
- Barcode Scanner for Frame ID
- Barcode Scanner for Frame Cassette
- Interface with TCPIP Server



1 A taped wafer is transferred from the Input Cassette onto the trolley.



2 The wafer is positioned under the OCR camera. The wafer I.D. is read and the corresponding bar code label is printed.

3 The trolley transports the wafer to the Output Cassette side. Bar code label is verified (optional) and is applied onto the dicing tape.

4 The taped wafer is transferred from the trolley into the Output Cassette. The empty trolley then moves back to the Input Cassette side, ready for the next wafer.

SPECIFICATIONS:

(specifications subject to change without notice)

Wafer Size	4" to 8"
Film Frame Size	5" to 8" (frame size programmable)
Wafer ID Fonts	SEMI, Canon, Triple & OCRA
Wafer ID Readable Area	1.10" (28mm) x 0.11" (2.8mm)
Maximum no. of Wafer ID Characters	Maximum 20 characters, including special characters
Wafer ID Read Rate	95-99% (for non-degraded SEMI font ID)
Printer	Bar codes
	Code 39, Code 93, Code 128 (subset A, B, C), UCC 128, UPC A/E (add on 2&5), I 2 of 5, EAN 8/13 (add on 2&5), Codabar, Postnet, EAN 128, RPS 128, DUN 14.
	Printing method
	Thermal transfer
	Ribbon
	0.5" (12.7mm) core, 1.7" (43mm) maximum dia.
Label	minimum size
	1.96" x 0.40" (50mm x 10mm)
	core diameter
	1.5" (38.1mm)
	roll diameter
	6" (152mm) maximum
Through-put	160 UPH
Label Accuracy	± 0.05" (1.2mm) X, ± 0.04" (1.0mm) Y
Power	200-230 VAC, 50/60 HZ, 5A
Compressed Air	60 psi dry air
Dimensions	30" (W) x 38" (D) x 71" (H) / 762mm x 965mm x 1803mm
Net Weight / Shipping Weight	380 kg / 450 kg



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