

Project Name : Glove Pinhole Detection & Sorting Machine



Client Name :
SUTURES India Pvt Ltd, Bangalore

Mechanical Vendor:
AFA Technologies
www.afa-tech.com
Mallaysia

DUXES Labs Work package:
New hardware
Firmware development
PC Software development

Demo of System:
https://www.youtube.com/watch?v=n_e7fNSDOHFU&feature=emb_logo

LTM 120

Designed to use for Natural Rubber and Nitrile Glove pinhole detection and sorting machine, and is adopting dry testing methodology by air pressure. This is nondestructive to glove. LTM 120 have 120 test mandrel made by medical grade Teflon material with built in LED light, the mandrel can use for variant standard glove size from XS to XL and from 5.5 to 9.0. LTM 120 adopt high precision digital pressure sensor up to 0.0001 psi.

FEATURES

MACHINE SPECIFICATION

MACHINE UTILITIES

TECHNICAL DATA

VIDEO

- All glove sizes do not need to change mandrel
- Easy loading for all types of glove (include beaded glove)
- High power LED for manual inspection for visual defects
- No Calibration Required
- High output
- Small footprint
- Adjustable output up to 5400 pcs/hour

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Testing Mandrel	120 pcs
LED Light	Yes
Glove Type	NR, NBR, PI and others
Size	Exam: Up to XL Surgical: Up to 9.0
Glove Length	Up to 320 mm
Output	4800 to 5400 pcs/hour
Loader	3 workers
Cosmetic inspector(Optional)	1 or 2 workers
Control PC	Industrial pc

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SINGLE PHASE 3 WIRE				R-N	
VOLTAGE				240	
PHASE	RED			NEUTRAL	EARTH
RUNNING AMPERE	2.3				
NAME PLATE AMPERE	13				
AIR CONSUMPTION (m ³ /hr)	16.5				
POWER CONSUMPTION (Watt/hr)	49				
NOISE (db)	79				

Series	LTM 120
Machine Length	1.52m (rotating unit only)
Machine Width	1.52m (rotating unit only)
Bin Station	530 x 970 mm foot-print
Output Capacity	4,800~6,000 gloves/hour
Glove Type	Latex and Nitrile, Beaded or non-beaded & Exam and Surgical Glove
Glove Size	5.5 to 9.0 and XS to XL
Other Features	<ul style="list-style-type: none">• Sorting Bins Good and Reject bins Retest Bin• Bin (3rd bin) optional• LED Ease of manual inspection• UPS (Power Backup) Standard• Invertor Standard• Control PC Industrial PC• Monitor PC Desktop PC
Electrical Supplies	230 VAC/100VAC Single Phase 5Ax 50Hz or 60 Hz
Operating Pressure	5.5 bar/81 psi