



CIN : U33125KL1993PTC006984
GST No: 32AAACH9492C1ZQ

ISO 9001:2015

HOLMARCO
OPTO-MECHATRONICS PVT.LTD

B-7., H.M.T. Industrial Estate, H.M.T. PO, Kalamassery
Kochi - 683 503 Kerala, India.
Email : sales@holmarc.com, PH : 91-484-2540075



QA/Test Report

Equipment name : Syringe pump. Date:

Model No./ Serial no. :

Customer/Job card No.

Standard Test Procedure: (

All the tests are performed based on the theory of the respective experiment and/or by calibrated instruments.)

SI No	Specific Test Conducted	Test Result	Specification/ Accepted values	Pass/Fail
1.	Basic Inspection		Model No., Painting , Finishing , stability and other visual parameters	
2.	MCB, Stop, lamps, Fan etc		Verify the functioning of MCB, emergency stop button, chamber lamp, exhaust fan, controller power switch and halogen lamp.	
3.	PC Connectivity		Connect the system with computer using cables and check connection	
4.	Vibration, noise & RPM checking		Run the Mandrel at max rpm and check vibration /RPM/Noise	
5.	Electrical Continuity		Verify the electrical continuity from the mandrel body to the negative terminal, for all the mandrels.	
6.	Syringe pump-Vibration and noise		Check the noise and vibration level of the syringe pump	
7.	Limit testing		Run the syringe pump to home and far limits	
8.	Limit adjustment		Adjust the far limit sensor position as suitable for 20ml glass syringe	
9.	Flow rate		Measure the actual flow rates for different values of set flow rates	
10.	Limit switch-XYstage		Verify the functioning of home and far limit sensors of the XY stages	
11.	XY stage		Travel length > /=spec.	
12.	Halogen lamp intensity		Verify the functioning of the intensity control knob of the halogen lamp	
14.	Door safety lock		Verify the functioning of the high voltage interlock, by opening the door of the hood when the power supply is on	
15.	High voltage test		30KV.	
16.	Electro spinning		Test with proper solution.	
17.	Coaxial spinneret		Verify the functioning of co-axial spinneret by connecting it to the syringe pump and dispensing	


JOLLY CYRIAC
Managing Director



Mailing Address
B-7., H.M.T. Industrial Estate,
H.M.T. PO, Kalamassery
Kochi - 683 503 Kerala, India.



E-mail Contact
sales@holmarc.com



Phone Contact
Tel: 91-484-2540075



www.holmarc.com

Business Hours
Monday to Saturday: 9:00am - 5:00pm





CIN : U33125KL1993PTC006984
GST No: 32AAACH9492C1ZQ

B-7., H.M.T. Industrial Estate, H.M.T. PO, Kalamassery
Kochi - 683 503 Kerala, India.
Email : sales@holmarc.com, PH : 91-484-2540075



			solution through each of its needles					
18.	Temperature controller and sensor		1 % error max.					
19.	Flow rate		Sl. No.	Set(ml/min)	Measured(ml/min)	Error (%)	Permissible Error (%)	
			1					
			2					
			3					
20.	Volume		1					
			2					
			3					

Checked by

.....

Approved by

.....

JOLLY CYRIAC
Managing Director



Mailing Address
B-7., H.M.T. Industrial Estate,
H.M.T. PO, Kalamassery
Kochi - 683 503 Kerala, India.



E-mail Contact
sales@holmarc.com



Phone Contact
Tel: 91-484-2540075



www.holmarc.com

Business Hours
Monday to Saturday: 9:00am - 5:00pm

Connect with us on

