



## **HYDRO PRESSURE TESTING MACHINE**



Automatic Hydro Pressure Testing Machine is the perfect labor-saving component to meet the demands of testing Plastic Irrigation Products, Water line products, Steel high pressure components. Single machine can Test wide range of Component from 1/2" to 4"size, Pressure 1 bar(Kg/cm<sup>2</sup>) to 100 bar (Kg/cm<sup>2</sup>).

Only one labour required to manually change the component.

Changeovers from one size to another are as easy as pushing a single button on the control panel. Machine Improved Quality, Increased efficiency, Cost savings and High productivity by achieving speed with 4 component head testing at a time.

It can workout for any Plastic Irrigation Products, Water line products, Chemical Piping Items, Steel high pressure components like Valves, Pipes, Connections, etc

### **Why Automatic Hydro Pressure Testing Machine?**

- It is **critical to pressurise** and **Taste** manually.
- This system ensures that you will get **100% Leakage Proof Components**.
- **High Speed** and **fully Automated testing**.
- **No changeover parts** at size changing which provides minimum time for component change which is approximate 10 sec.
- **Increases efficiency** and **productivity** for production lines
- Contact parts are **resistant to flaking, chipping, scuffing so will not cause any cosmetic damage** to Component surface.
- **Saves money** through efficient use of personnel
- **Minimal operator training** required
- Designed to accommodate **various shapes and sizes**
- **PLC and touch Screen HMI based complete automatic system**.
- User **friendly & maintenance less** design.
- **Low noise level** at higher speed and Pressure.
- **Fast adjustment** reduce downtime and maximize uptime
- Built to be **reliable, trouble-free and dependable** for years of operation
- **INDIAN** made-easy access to **spare parts** and **service assistance**





## Description:



This is a perfect product which meets the output of plants with no extra manpower required.

Automatic Hydro Pressure Testing Machine is deluxe product for rotation application with all necessary safety standards. Contact parts are Cast Synthetic Rubber. Complete automation with Eminence make standard PLC and touch Screen HMI display with branded quality for electric, electronic components which include required IP standards.

The Automatic Hydro Pressure Testing Machine is heavy-duty design and durable construction requires minimal maintenance, thus assuring many years of dependable operation. Machine is having a very robust and vibration free body constructed on steel frame. All Parts

ensures durability and GMP compliance. User friendly and variable speed controls for all application, easy to adjust and able to handle different sizes and shapes.

Leakage or non Leakage component will show by Red and Green LED lights.

Complete Production Sheet with Hourly testing report for testing pass components, testing Fail Components and Total Components in Microsoft Excel Format, which can be save, print and documented as per requirement.





## Technical Specifications:

Model Name	Sami Automatic System	Full Automatic System
Photo		
Output/Cycle*	Up to 4 Pic	Up to 4 Pic
Capacity (inch*)	1/2" to 4"	1/2" to 4"
Machine Dimension*	2000mm(L) x 600mm(W) x 2500mm(H)	2000mm(L) x 600mm(W) x 2500mm(H)
Construction**	Manually Operation of machine by Push buttons. Manually checking of valve leakage by dial indicators. Heavy-duty and vibration free body.	Complete covering with Physical and Electric safety. Manually Operation of machine by PLC and Touch screen HMI. Heavy-duty and vibration free body.
Production Report Feature	Not Applicable	Complete Production Sheet with Hourly testing report for testing pass components, testing Fail Components and Total Components in Microsoft Excel Format, which can be save, print and documented as per requirement.

\* Depends on Container size & container characteristics.

\*\* We can supply as per customer requirements.

## Utility Requirement:

Electrical Supply	3Ø + Neutral + Earthing
Voltage & frequency	440V / 50 Hz AC
Electrical Load	2.5 HP

For more details check website [www.eminencemech.com](http://www.eminencemech.com)  
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