

MeasureTrol

The MeasureTrol, is a new generation digitally enabled integrated PID control solution from Forbes Marshall. It is a patented product that accurately controls the outlet pressure to the set-point. The built-in capability to compute flow provides an instant insight into the mass flow rate of steam.

Benefit

- Precise pressure control with control accuracy of +/-1%
- Built-in steam flow computation for instant insights into the mass flow rate of steam
- Bluetooth enabled calibration with and data connectivity which helps monitor critical parameters on cloud
- Troubleshooting made easy with the help of in-built LED

Features

- Pressure reducing valve with an inbuilt smart pressure controller smart & positioner ensures high accuracy.
- In-built LED indication of MeasureTrol health
- Auto/manual PID tuning of downstream pressure using mobile app
- Cloud connectivity with RTru / Bluetooth® gateway
- Displays indicative steam flow
- Leakage class - Seat design offers leakage Class IV and VI as per FCI 70.2
- Robust electronics design using contactless valve position feedback and downstream pressure feedback



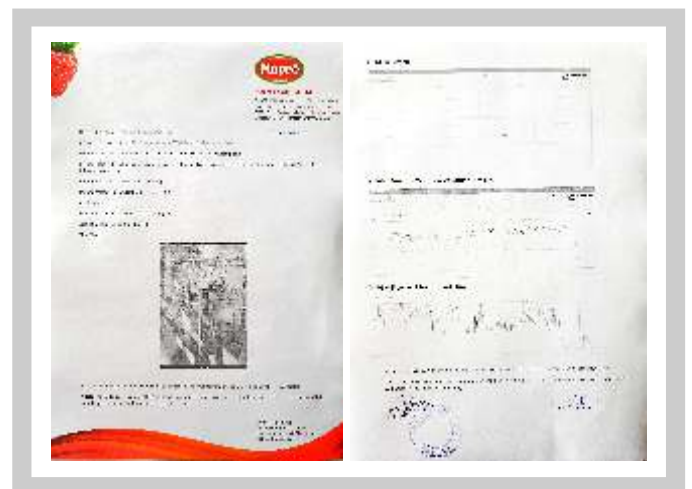
Technical Specifications

Valve Size (in NB)	DN15, 20, 25, 40, 50, 65, 80 & 100
End Connection	Flanged end (#150)
Max Allowable Design Pressure	17 bar (g) @ 38°C (Conditions of pert TS)
Max Allowable Design Temperature	225°C
Operating Characteristic	Equal percentage / Linear
Controller & Position	Smart Positioner with inbuilt controller
Leakage class	Leakage class Class IV and VI as per FCI 70.2
Overall control accuracy	±1%
User Input	Via MODBUS / Bluetooth® display
LED Indication	Green: Healthy, Red : Error
Configuration	Mobile app/PC Configurator
Cloud Connectivity	Through Rtru
Max Operating Temp. (Standard Metal Seat)	200°C
Max Operating Temp. (Soft Seat)	180°C

On the go insight into data



Reference Letter



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