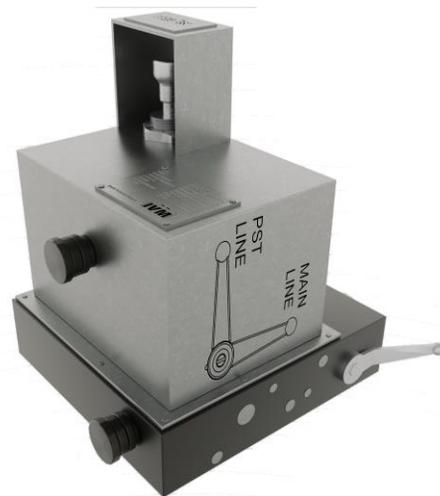
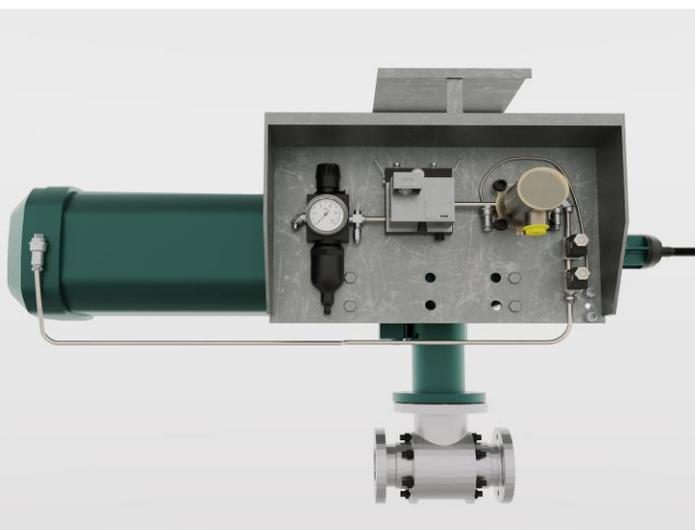


# IVM's Mechanical Locally Actuated Partial Stroke Testing Device for Single Acting Actuators

Your **simple** and **cost-effective** solution to partial stroke testing for on-off ZVs



CAPEX	Cost of device and installation is far cheaper than the cost of other existing PST solutions. No associated equipment required.
OPEX	No running costs or passive air consumption. Minimum to no maintenance required.
Reliability	Device is entirely mechanical and contains several safety contingencies (e.g. bypass line and overshoot protection). Device does not interfere with the critical safety functions of the ZV
Installation	Device can be easily installed on site for existing on-off ZVs and on any new ZVs in all sizes and classes.
Operation	The device is locally actuated with a push button and allows for manual override while performing PST.
Technology	Technology is licensed by Saudi Aramco
Environment	No electricity consumption or passive instrument air consumption.
Local Content	LAPST devices are manufactured locally in Kingdom

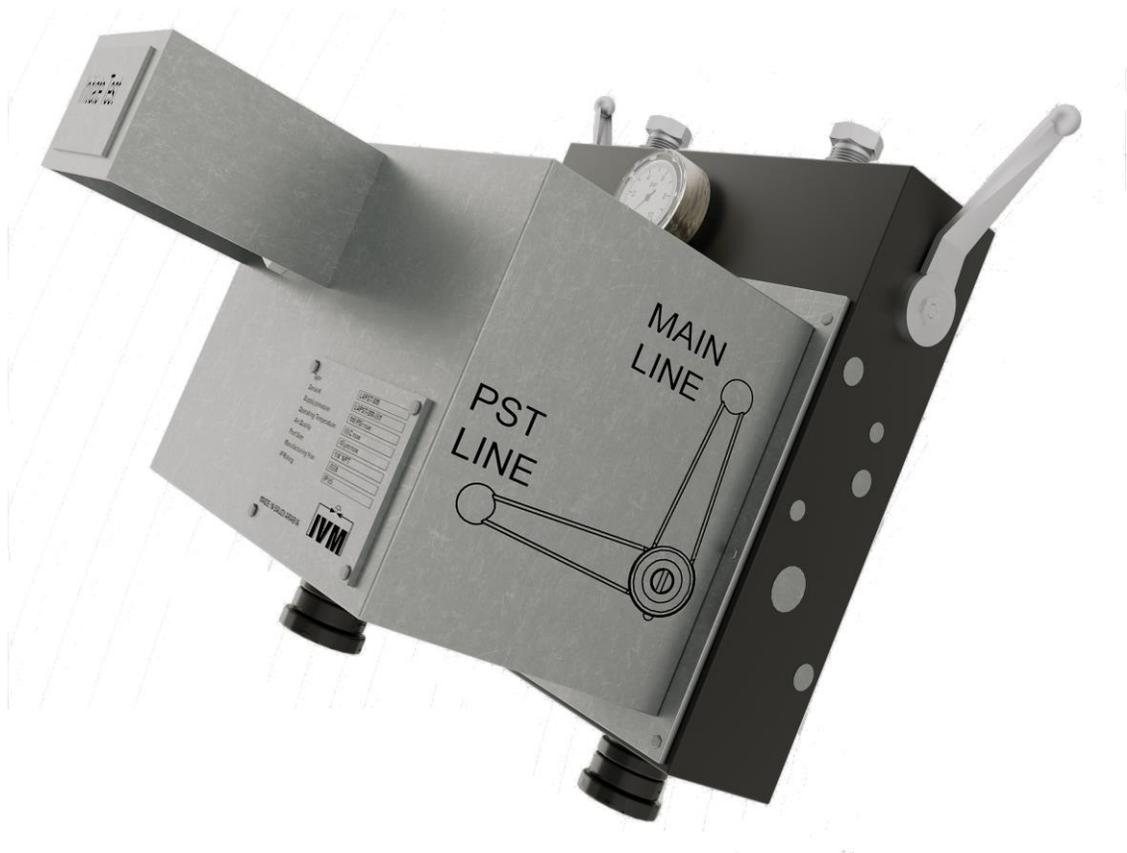


For enquiries, please contact  
[LAPST@ivmsaudi.com](mailto:LAPST@ivmsaudi.com)

Datasheet	
Operating Pressure	25 – 145 PSI
Operating Temperature	-10° to 60° C
Air Quality	ISA 7.0.01 (40 µm max)
Port Size	¼ inch
Protection Class (IEC 144)	IP 66
Weight (g)	Approx. 5 Kg
Mounting	Front panel mounting
Application note	Operate by hand only
Housing Material	Stainless steel

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