

INTRODUCTION

Process pressure devices provide critical process measurement information to process plant's control systems. The performance of process pressure instruments are often critical to optimizing operation of the plant or proper functioning of the plant's safety systems. Process pressure instruments are often installed in harsh operating environments causing their performance to shift or change over time. To keep these devices operating within expected limits requires periodic verification, maintenance and calibration. There is no one size fits all pressure test tool that meets the requirements of all users performing pressure instrument maintenance.

APPLICATION SELECTION GUIDE

										
Model number	754	721/ 721Ex	719 Pro	719	718	717	700G	3130	2700G	Dead- weight Testers
Application										
Calibrating pressure transmitters (field)	▪	▪	Ideal	▪	▪	▪		▪		
Calibrating pressure transmitters (bench)	▪	▪	▪	▪	▪	▪		Ideal		▪
Calibrating HART Smart transmitters	Ideal									
Documenting pressure transmitter calibrations	Ideal									
Testing pressure switches in the field	Ideal	▪	▪	▪	▪	▪		▪		
Testing pressure switches on the bench	▪	▪	▪	▪	▪	▪		Ideal		
Documenting pressure switch tests	Ideal									
Testing pressure switches with live (voltage) contacts	Ideal									
Gas custody transfer computer tests	▪	Ideal	▪							
Verifying process pressure gauges (field)	Ideal	▪	▪	▪	▪	▪	▪			
Verifying process pressure gauges (bench)	▪	▪	▪	▪	▪	▪		▪	▪	Ideal
Logging pressure measurements	▪						Ideal		▪	
Testing pressure devices using a reference gauge									Ideal	
Hydrostatic vessel testing							Ideal			
Leak testing (pressure measurement logging)	▪						Ideal			

Products noted as "Ideal" are those best suited to a specific task.

Model 754 requires the correct range 750P pressure module for pressure testing.

Model 753 can be used for the same applications as model 754 except for HART device calibration.

Model 725 and 726 can be used for the same applications as model 753 except for documenting and live contact testing of switches.