

ความสามารถห้องปฏิบัติการสอบเทียบ

ห้องปฏิบัติการทางความดัน

No.	Description	Range	ISO/IEC 17025		ISO/IEC 17025	
			by TISI (สมอ)		by ANAB (USA)	
			In-lab	On-site	In-lab	On-site
Pneumatic Pressure (Air)						
1	Pressure Gauge	0 bar to 34 bar	✓	✓	✓	✓
			0 bar to 34 bar		0 bar to 20 bar	
2	Compound Pressure Gauge	-90 kPa to 0 kPa, 0 bar to 34 bar	✓	✓	✓	✓
			-90 kPa to 0 kPa, 0 bar to 34 bar		-90 kPa to 0 kPa, 0 bar to 20 bar	
3	Pressure Recorder, Pressure Controller	0 bar to 34 bar			✓	✓
					0 bar to 20 bar	
4	Test Gauge	0 bar to 34 bar			✓	✓
					0 bar to 20 bar	
5	Differential Pressure Gauge, Air Leak Tester Differential Pressure Transmitter	As Specification			✓	✓
					As Specification	
6	Pressure Transmitter,	0 bar to 20 bar			✓	✓

Pressure Transducer		(0 V to 10 V / 4 mA to 20 mA)	0 bar to 20 bar			
			0 V to 10 V / 4 mA to 20 mA			
7	Vacuum Gauge	-90 kPa to 0 kPa	✓	✓	✓	✓
			-90 kPa to 0 kPa			
8	Manometer	As Specification			✓	✓
			As Specification			
9	Pressure Calibrator, Pressure Module	-13.5 psi to 500 psi			✓	
Pressure Transmitter, Pressure Transducer			-13.5 psi to 500 psi			
10	Pirani Vacuum Gauge	0.0013 mbar to 1,300 mbar			✓	✓
			0.0013 mbar to 1,300 mbar			
11	Pressure Switch	0 bar to 3.447 MPa			✓	✓
			0 bar to 3.447 MPa			
12	Safety Valve	0 bar to 3.447 MPa			✓	✓
			0 bar to 3.447 MPa			
13	Gas Pressure Balance	0 to 500 psi			✓	
			0 psi to 500 psi			
Hydraulic Pressure (Oil, Water)						
1	Pressure Gauge	0 bar to 700 bar	✓	✓	✓	✓
			0 bar to 700 bar			
2	Pressure Transmitter,	0 bar to 700 bar				

	Pressure Transducer	(0 V to 10 V / 4 mA to 20 mA)	0 bar to 700 bar
3	Test Gauge	0 bar to 700 bar	✓ ✓ 0 bar to 700 bar
4	Pressure Recorder, Pressure Controller	0 bar to 700 bar	✓ ✓ 0 bar to 700 bar
5	Pressure Calibrator, Pressure Module Pressure Transmitter, Pressure Transducer	0 psi to 16,000 psi	✓ 0 psi to 16,000 psi
6	Pressure Switch	0 bar to 70 MPa	✓ ✓ 0 bar to 70 MPa
7	Safety Valve	0 bar to 70 MPa	✓ ✓ 0 bar to 70 MPa
8	Hydraulic Pressure Balance	0 to 16,000 psi	✓ 0 psi to 16,000 psi
Others			
1	Barometer	960 to 1,070 hPa	