









I hree major types of pressure measuring nstruments: a) manometer: low range, b) dial gage: middle range, c) electronic transducers: remote, automatic recording			
			Pender (199
Characteristic	Manometer	Dial gage	 Electronic transduce
Characteristic Pressure range	Manometer 62 Pa-339 kPa (0.25 in H-O-100 in Hg)	Dial gage 62 Pa-700 MPa (0.01-100.000 psi)	25 Pa–700 MPa (0 004–100 000 nsi)
Characteristic Pressure range Accuracy range	Manometer 62 Pa-339 kPa (0.25 in. H ₂ O-100 in. Hg) 0.25 Pa (0.001 in. H ₂ O) to 2% full scale	Dial gage 62 Pa-700 MPa (0.01-100,000 psi) 0.066%-5% full scale	Electromc transduce 25 Pa-700 MPa (0.004-100,000 psi) 0.003%-3% full scale
Characteristic Pressure range Accuracy range Frequency response	Manometer 62 Pa-339 kPa (0.25 in. H ₂ O-100 in. Hg) 0.25 Pa (0.001 in. H ₂ O) to 2% full scale < 10 Hz	Dial gage 62 Pa-700 MPa (0.01-100,000 psi) 0.066%-5% full scale < 10 Hz	Electrome transduce 25 Pa-700 MPa (0.004-100,000 psi) 0.003%-3% full scale DC to 1 MHz
Characteristic Pressure range Accuracy range Frequency response Electronic output	Manometer 62 Pa-339 kPa (0.25 in. H ₂ O-100 in. Hg) 0.25 Pa (0.001 in. H ₂ O) to 2% full scale < 10 Hz	Dial gage 62 Pa-700 MPa (0.01-100,000 psi) 0.066%-5% full scale < 10 Hz No	Electrome transduce 25 Pa-700 MPa (0.004-100,000 psi) 0.003%-3% full scale DC to 1 MHz Yes
Characteristic Pressure range Accuracy range Frequency response Electronic output Temperature range	Manometer 62 Pa-339 kPa (0.25 in. H ₂ O-100 in. Hg) 0.25 Pa (0.001 in. H ₂ O) to 2% full scale < 10 Hz	Dial gage 62 Pa-700 MPa (0.01-100,000 psi) 0.066%-5% full scale < 10 Hz No -32°C to +54°C	Electromic transduce 25 Pa-700 MPa (0.004-100,000 psi) 0.003%-3% full scale DC to 1 MHz Yes -271°C to +400°C
Characteristic Pressure range Accuracy range Frequency response Electronic output Temperature range Media compatibility	Manometer 62 Pa-339 kPa (0.25 in. H ₂ O-100 in. Hg) 0.25 Pa (0.001 in. H ₂ O) to 2% full scale < 10 Hz	Dial gage 62 Pa-700 MPa (0.01-100,000 psi) 0.066%-5% full scale < 10 Hz No -32°C to +54°C Gas or liquid	Electromic transduce 25 Pa-700 MPa (0.004-100,000 psi) 0.003%-3% full scale DC to 1 MHz Yes -271°C to +400°C Gas or liquid













































































