

Accuracy Grades for Pressure Indicating Dial type - Elastic Element (Bourdon tube, membrane, diaphragm)

Class	Permissible Error			Maximum friction (% of span)	Minimum Recommended Gauge Size (270° Dial Arc)
	% of span (excluding friction)				
	Lower ¼ of scale	Middle ½ of scale	Upper ¼ of scale		
4A	0.1	0.1	0.1	* Note	8½
3A	0.25	0.25	0.25	0.25	4½
2A	0.5	0.5	0.5	0.5	2½
1A	1.0	1.0	1.0	1.0	1½
A	2.0	1.0	2.0	1.0	1½
B	3.0	2.0	3.0	2.0	1½
C	4.0	3.0	4.0	3.0	1½
D	5.0	5.0	5.0	3.0	1½

* Note.- Grade 4A must remain within specified tolerance before and after being lightly tapped.

BASCO MANOMETER®

For general use

KP744 and KV744 series, 2% Full scale accuracy Grade B

Glycerine filled

40mm (1½")CBM

- Case: 304 stainless steel
- Ring: 304 stainless steel
- Dial: aluminum, white background, black (psi) and blue (kPa) graduations
- Double range: psi et kPa
- Bourdon Tube: bronze
- Fitting: brass, 1/8" NPT, center back mount with restriction screw
- Resolution :1 division
- Working process temperature: -10 to 50 °C less than 80 % RH
- KP744 acrylic lens, KV744 glass lens



Range Code	psi Range	kPa Range	psi Divisions	kPa Divisions
KP744-820	0/30	and 0/200	0,5	5
KP744-822	0/60	and 0/400	1	10
KP744-823	0/100	and 0/700	2	20
KP744-825	0/160	and 0/1100	2	20

Option

U40MM U-Clamp
Flange Front on request (from factory only)

- Other ranges available on request
- Your logo on the dial (minimum quantity required)

