



# Ranges And Dimensions

Suitable for Total Pressures up to 100 psig, Temperatures Up to 150°F,  
Accuracy  $\pm 2\%$  of Full Scale (1% on Model 115 Only)

## MODELS

## INCLINED TYPE

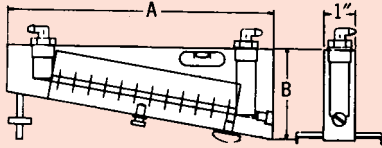


Fig. 5-1.

Model No.	Range Inches of Water	Minor Scale Divisions	Scale Length	Dimensions		Carrying Case		Weight lbs.-oz.
				A	B	Type	Dimensions	
100.5	.10-0-1.0	.01	8 $\frac{1}{2}$ "	11 $\frac{1}{16}$ "	2 $\frac{1}{16}$ "	Plastic	13 $\frac{1}{2}$ x 10 x 2 $\frac{1}{2}$ "	5-1
101	.05-0-.50	.01	5"	8 $\frac{1}{2}$ "	2 $\frac{1}{16}$ "	Plastic	12 $\frac{1}{2}$ x 6 $\frac{1}{4}$ x 1 $\frac{1}{2}$ "	3-5
102.5	.20-0-2.0	.01	8 $\frac{1}{2}$ "	12"	4 $\frac{1}{2}$ "	Plastic	13 $\frac{1}{2}$ x 10 x 2 $\frac{1}{2}$ "	5-10
109	.20-0-3.0	.02	8 $\frac{1}{2}$ "	11 $\frac{1}{2}$ "	5 $\frac{1}{16}$ "	Plastic	13 $\frac{1}{2}$ x 10 x 2 $\frac{1}{2}$ "	6
115	.05-0-.25	.005	6"	9 $\frac{1}{2}$ "	3 $\frac{1}{16}$ "	Plastic	12 $\frac{1}{2}$ x 6 $\frac{1}{4}$ x 1 $\frac{1}{2}$ "	3-10
170	0-.50	.02	2 $\frac{1}{2}$ "	5 $\frac{1}{2}$ "	2 $\frac{1}{16}$ "	Plastic	7 x 9	1-7
171	0-.25	.01	2 $\frac{1}{2}$ "	5 $\frac{1}{2}$ "	1 $\frac{1}{16}$ "	Plastic	7 x 9	1-6

NOTE: Model 100.5 replaces model 100. Model 102.5 replaces model 102.

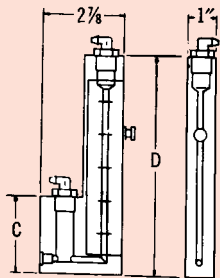


Fig. 5-2.

## MODELS

## VERTICAL TYPE

Model No.	Range Inches of Water	Minor Scale Divisions	Scale Length	Dimensions		Carrying Case		Weight lbs.-oz.
				C	D	Type	Dimensions	
104	0-4	.10	4 $\frac{1}{2}$ "	3 $\frac{1}{16}$ "	8 $\frac{1}{2}$ "	Plastic	12 $\frac{1}{2}$ x 6 $\frac{1}{4}$ x 1 $\frac{1}{2}$ "	3-0
104-6	0-6	.10	7 $\frac{1}{2}$ "	4 $\frac{1}{16}$ "	10"	Plastic	13 $\frac{1}{2}$ x 10 x 2 $\frac{1}{2}$ "	4-8
104-8	0-8	.10	9"	4 $\frac{1}{16}$ "	13 $\frac{1}{16}$ "	Metal	18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$ "	4-12
104-10	0-10	.10	11 $\frac{1}{2}$ "	5 $\frac{1}{16}$ "	15"	Metal	18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$ "	4-15

**STANDARD ACCESSORIES:** Plastic or steel carrying case (plastic pouch for 170, 171 and 172), two magnetic mounting clips, two rapid shut-off nylon tubing connections, one 9' length rubber tubing, terminal tube and extra bottle .826 red gage oil.

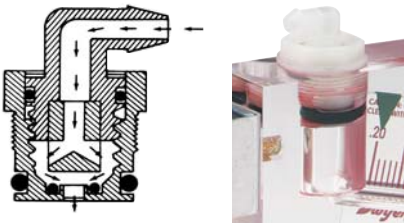
**A-396A Calibration Pump** — Use as pressure source to calibrate gages, set switches, etc. Has volume adjuster, bleed valve and fine adjustment for pressures up to 72 psi (5 bar). Accessories include barbed fitting, tee connector, three 36 in. lengths of vinyl tubing and instructions.



1031R00-0198P

## Standard Equipment For Solid Plastic Portable Manometers

MOLDED NYLON RAPID SHUT OFF TUBING CONNECTORS



**Fig. 5-3.** Exclusive Dwyer leak-proof, corrosion-proof, virtually unbreakable molded nylon connector requires just one counter clockwise turn to open, one clockwise turn to close. Rotating connector seats on O-ring for absolute closure and is O-ring sealed at top. Connector body is also O-ring sealed and is easily removed for cleaning or adding fluid.

MAGNECLIPS FOR SPLIT SECOND MOUNTING ON ANY STEEL SURFACE



**Fig. 5-4.** Dwyer mounting magnets are attached to all Dwyer solid plastic inclined portable gages (left, above) and furnished as clips that can be attached to all Dwyer solid plastic vertical portable gages (right, above). Just touch the magnets to any vertical steel surface; gage will "stay put" until it is forcibly detached.

HIGH DENSITY POLYETHYLENE FOAM LINED CARRYING CASES



**Fig. 5-5.** Most Dwyer portable gages are furnished with carrying cases of high density polyethylene. Models 104-8 & 104-10 have steel cases. For protection of the gage and accessories, both plastic and steel cases are lined with resilient polyurethane plastic foam. Nos. 170, 171 & 172 include plastic pouch.