



TRANSCAT[®]

35 Vantage Point Drive
Rochester, NY 14624
1.800.800.5001

[Visit us at Transcat.com!](http://Transcat.com)

Model 40HEX35 Inclined Tube Manometer

Model 40HEX35-WM inclined well type manometer for wall mounting is offered with scales from 20" to 60" long in differential ranges from 2" to 20". This economical and durable instrument fills the high sensitivity and accuracy requirements for low differential pressure ranges at operating pressures up to 350 PSI.

Inclined manometers provide greater readability by stretching a vertical differential along an inclined indicating column, giving more graduations per unit of vertical height and increasing the instrument's sensitivity and accuracy. Inclined manometers frequently have scales graduated to hundredths of an inch.

The Model 40HEX35 is often used to indicate differential across Meriam Lamina Flow Elements, Accutubes and Orifice Plates in gas flow applications.

Model 40HEX35 Construction

Model 40HEX35-WM inclined manometer has an aluminum channel with stainless steel end blocks into which a large bore, borosilicate glass tube is securely yoke packed with viton gaskets. The removable well is bolted to the back plate and connected to the glass tube through the lower end block. All pressure connections are 1/4" female pipe thread.

The scale with satin background, bold black figures, and precision graduations spans the full channel width behind the indicating tube. Scale and tube are protected by a transparent cover.

Each Model 40HEX35 is individually calibrated and the angle of inclination is set relative to the instrument level mounted above the channel.

The instrument finish is black textured urethane.

Fluid Requirements per Tube & Instrument Weight

Scale Length	20"	30"	40"	50"	60"
Weight-lbs.	25	30	35	40	45
Fill Fluid Req.	4 oz.	4 oz.	4 oz.	4 oz.	4 oz.

Ranges and Scales

Scale Length	Ranges in inches with Scale graduated inches & hundredths	Ranges in inches with Scale graduated inches and fiftieths
20"	2", 4"	6", 8", 10"
30"	4", 6", 8"	10", 12", 14"
40"	4", 6", 8", 10"	12", 14", 16", 18", 20"
50"	4", 6", 8", 10", 12"	14", 16", 18", 20"
60"	6", 8", 10", 12", 14"	16", 18", 20"

