



Special Application Gauges

Series 1785 Manifold Pressure Test Gauges

DESCRIPTION

Model 1785 2-1/2" Manifold Pressure Test gauges offer several ranges for use with various types of refrigerants, including R-12, R-22, R-502, R-134A, and R-410A. The gauges can be permanently mounted in cooling systems or used on portable manifolds.

Type CR-1780 is supplied with 350 psi retard scale to accommodate accidental over-pressure. All gauges feature a one piece polycarbonate ring and window. This provides quick, easy access to internal front adjusting screw for resetting the pointer.

Gauges are available in English, dual scale, or metric only ranges.



SPECIFICATIONS

SIZE: 2-1/2"

CASE: ABS. (P-1785, red; CR-1785, blue)

RING AND WINDOW: Threaded, polycarbonate

POINTER: Aluminum, black finish

DIAL: Steel, white background with black markings. Refrigerant temperature scales in red

MOVEMENT: Brass, silicone treated

BOURDON TUBE: P-1785, CR-1785 – Phosphor bronze

CONNECTION: 1/8-27 NPT LM, brass

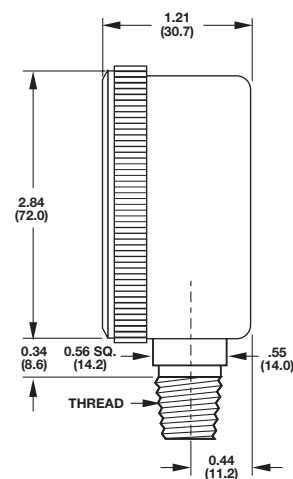
RANGES:

P-1785: 0-500 psi, 0-800 psi

CR-1785: 30" Hg VAC, 0-120 psi retarded to 350 psi; 30" Hg VAC, 0-250 psi retarded to 500 psi

ACCURACY: $\pm 3-2-3\%$ of span (Grade B), applies to non-retard portion

INCHES
(MM)



SPEC NUMBER SELECTION CHART

Model Number	Description	Spec No.
CR1785	30" 0 - 120/350 psi, R-12, R-22, R502 temperature scale	169128
P1785	0 - 500 psi, R-12, R-22, R502 temperature scale	169129
CR1785	30" 0 - 120/350 psi, R-134A temperature scale in °F and °C	169130
P1785	0 - 500 psi, R-134A temperature scale in °F and °C	169131
CR1785	30" 0 - 250/500 psi, R-410A temperature scale in °F and °C	169132
P1785	0 - 800 psi, R-410A temperature scale in °F and °C	169133

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