CM-PG1, PG2, PG3 AND PG4
INSTALLATION INSTRUCTIONS

1. AN ESSENTIAL TOOL FOR:

- Automatic door salespeople, and installers
- Overhead door installers
- Engineers, architects, and contractors
- Building owners, and inspectors

2. MEET ADA REQUIREMENTS

A. The American with Disabilities Act and Canadian Regulations requires that both interior and exterior doors of a building be wheelchair accessible.

B. Door Opening Force (4.13.11 ADAAG)
   - Exterior hinged doors: (reserved)
   - Interior hinged doors: 5 lbf. (22.2N)
   - Sliding or folding doors: 5 lbf. (22.2N)

Automatic/Power Assisted Doors: (4.13.12) Such doors shall not open to back check faster than 3 seconds and shall require no more than 15 lbs. (66.6N) to stop door movement.

If a power-assisted door is used, its door-opening force shall comply with 4.13.11 and its closing force shall conform to the requirements in ANSI A156.19 (1984).

3. OPERATING INSTRUCTIONS

A. Set “o” ring on zero, down against the instruments flange, or on the desired maximum force.

B. Holding the instrument firmly, either push or pull a given door at a point approximately handle-high and 30 inches toward the handle from the door’s hinges.

C. Read the amount of force required to open/close the door on the plunger scale closest to the bottom of the small “o” ring.

Model: CM-PG1
- 0-7 lbs. force range
- This light duty gauge can be used in determining the lower limitations of interior and exterior door opening/closing forces.

Model: CM-PG2
- 0-35 lbs. force range
- This unit is larger and more robust. It is suitable for measuring the force of full-size, normal speed door operators as well as measuring the closing force of “overhead doors” and “elevator doors”

Model: CM-PG3
- 10-50 lbs. force range
- This robust unit is used to measure “door opening” and “sliding-door” breakout panel force.

Model: CM-PG4
- 10-66 lbs. force range
- This robust unit is used to measure “door opening” and “sliding-door” breakout panel force.