

CM-PG1, PG2, PG3 AND PG4 Installation Instructions

1.0 An essential tool for:

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

2.0 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).

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".



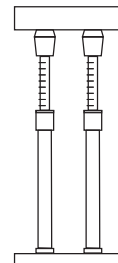
Model: CM-PG3

- 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.



Push Buttons



Keypads



Strikes



Magnetic Locks



Key Switches



Relays & Timers



Access Control