

AP Crane Scale Hardware Kits

Proven reliability and performance.



DILLON

Force Measurement Equipment

CE

Model AP Mechanical Crane Scale Hardware Kits

Features and benefits

Available in low, intermediate and high range models – Capacities from 1000 to 20,000 pounds. Capacities from 500 to 10,000 kg.

Anti-parallax dial and pointer – Easy to read even at an angle.

Tare capability – Tare loads up to 20% of capacity can be zeroed out by means of zero control.

Dust protection – Pinion gear, sector gear and shafts are mounted in precision aircraft bearings, permanently sealed against dust and dirt. Oiling is never required.

Tough construction – Mechanism case is a heavy aluminum alloy casting, tough enough to resist even heavy blows.

Ingenious design – Utilizes a specially designed alloy steel beam that translates force to pounds. Full scale reading results from beam deflection of only 0.026". Applied loads are indicated instantly.

Reduced wear – Pinion and sector gears are cut from stainless steel and hardened aluminum. Use of these dissimilar materials greatly reduces friction and wear.

Protective finish – Scale cases are coated with a baked-on powder paint process making them resistant to chips, scratches, rust and corrosion.

Maximum indicator – Remains in position to indicate peak load point after load is removed from scale.

Hardware kits – Now offered as an add on feature to the AP Dynamometer of choice.

Specifications

| CAPACITY | Capacities & dial divisions (lb) | Capacities & dial divisions (kg) | Length (Inches) | Net/Gross Wt. (lb) | | Hook Kit Net/Ship Wt. (lb) | |
|----------|----------------------------------|----------------------------------|-----------------|--------------------|----|----------------------------|----|
| Low | 1,000 x 5 | 500 x 2 | 25.5 | 28 | 62 | 13 | 44 |
| Low | 2,000 x 10 | 1000 x 5 | 25.5 | 28 | 62 | 13 | 44 |
| Low | N/A | 2000 x 10 | 25.5 | 28 | 62 | 13 | 44 |
| Low | 5,000 x 20 | N/A | 25.5 | 28 | 62 | 13 | 66 |
| Low | 10,000 x 50 | 5000 x 20 | 25.5 | 28 | 62 | 20 | 66 |
| Med | *20,000 x 100 | *10000 x 50 | 29.75 | 48 | 83 | 42 | 77 |

Accuracy: To $\pm 0.5\%$ of full scale

Tare adjustment: Up to 20% of full scale range

Ultimate safety factor: 5:1

(* 4:1 for 20,000 lb and 10000 kg)

Dial diameter: 10"

Scale length: (from inside of eye to inside of hook)

Low Range: 25½"

Intermediate Range: 29¾"

All kits are shipped complete to allow direct interface to the AP Dynamometer.

Hardware kits are shipped in separate packaging.

AUTHORIZED DISTRIBUTORS

Ask the experts. Dillon distributors offer complete service capabilities from application assistance to sales and product support. Their experienced representatives are the most knowledgeable experts that you will find in the force measurement industry. We recommend that you consult these capable specialists for all of your measuring needs.

DILLON

Force Measurement Equipment

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