

# TENSITRON®

A KTC Instruments Company



## ACM SERIES

ANALOG AIRCRAFT CABLE TENSION METER

### KEEP AIRCRAFT FLYING SAFELY

ACM tension meters quickly and easily verify accurate cable tension. No more fumbling with risers with the built-in cable selection. Plus, calibration charts are attached to the meter.



#### FAST

Quickly test control cable tension

- Quick, easy, one-handed operation
- Calibration chart attached to meter for quick, easy access
- Compact design allows access to small spaces



#### ACCURATE

Improve aircraft safety and performance

- Measures wide range of aircraft cables, with inch or CWT diameters
- Tension ranges from 5 to 600 lb.



#### DEPENDABLE

Save time and costs with durable construction

- Durable, reliable construction
- Textured handle for secure grip
- Operates without electricity or charging
- Built-in cable selection—no loose, separate risers



#### CONVENIENT

User-friendly and easy to transport

- Lightweight, portable
- Memory Lock Pointer holds readings taken in hard-to-reach areas
- Includes carrying case and NIST-traceable calibration certificate

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## SPECIFICATIONS

- CALIBRATION** Calibrated for stainless steel, uncoated, 7x19 cables (except 1/16" which is 7x7)
- DIMENSIONS** All models except ACM-600 are 8.24" long x 3.38" wide x 1.56" thick. ACM 600 is 8.24" long x 5.20" wide x 1.56" thick
- WEIGHT** Approximately 21 oz.
- DISPLAY** Analog (For a digital aircraft tension meter, consider the ACX-1 series.)
- WARRANTY** One year against factory defects.



## YOU'RE ONLY AS GOOD AS YOUR TENSION METER

When tension is critical, our meters help companies stay competitive and protect profits by providing accurate, reliable results so that they can deliver high-quality solutions that achieve maximum results.

| MODEL       | RANGE        |             | CABLE SELECTION                   | ACCURACY<br>(+/- FULL-SCALE) |
|-------------|--------------|-------------|-----------------------------------|------------------------------|
| ACM-100     | 5 - 100 lb.  | 3 - 45 kg   | 1/16, 3/32, 1/8, 5/32"            | 4%                           |
| ACM-200     | 25 - 200 lb. | 12 - 90 kg  | 1/16, 3/32, 1/8, 5/32, 3/16, 1/4" | 4%                           |
| ACM-300     | 40 - 300 lb. | 19 - 136 kg | 3/32, 1/8, 3/16, 1/4"             | 6%                           |
| ACM-400     | 40 - 400 lb. | 19 - 181 kg | 3/32, 1/8, 5/32, 3/16"            | 6%                           |
| ACM-600     | 40 - 600 lb. | 19 - 272 kg | 1/8, 5/32, 3/16, 1/4"             | 8%                           |
| ACM-150-CWT | 10 - 150 lb. | 5 - 68 kg   | 5, 10, 15, 20 & 25 CWT            | 4%                           |
| ACM-300-CWT | 40 - 300 lb. | 19 - 136 kg | 10, 15, 20 & 25 CWT               | 6%                           |