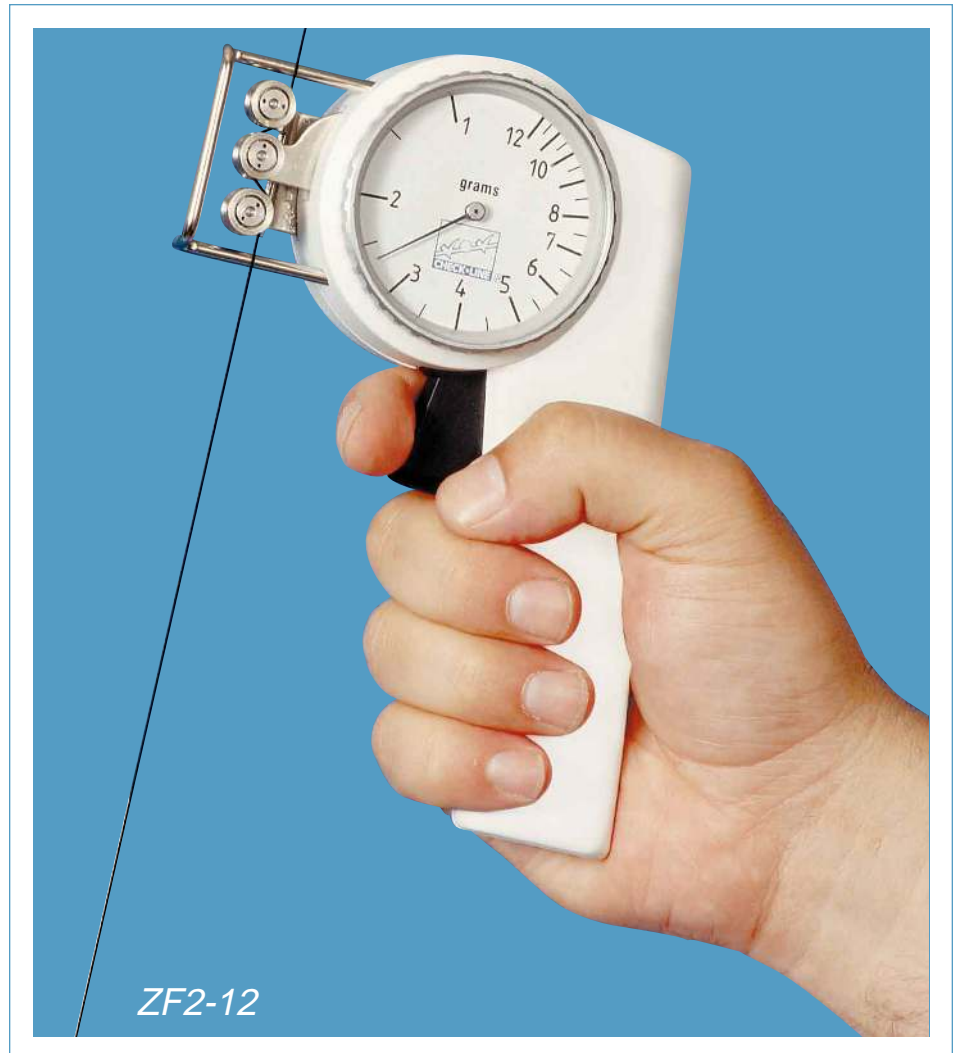


Economical TENSION METERS

Type Z Series

ZF2 & ZD2

A precision movement and light-weight, hard plastic housing make the Type Z Series ideal for accurately checking the operating or static tensions of a wide variety of process materials including delicate yarns, fibers, filaments, wires, etc.

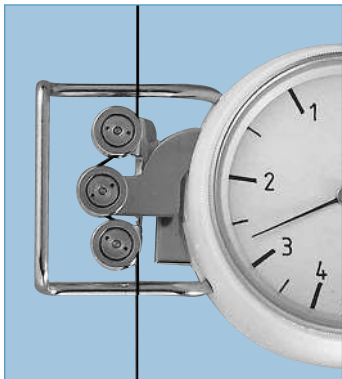


FEATURES

- A trigger-operated, roller-shifting mechanism and exclusive snare-guide automatically guide the moving filament into the roller V-grooves eliminating breaks and snags.
- Front filament loading permits the operator to observe the filament, rollers and dial at all times.
- Each instrument is individually calibrated with each scale hand marked to provide the highest reading accuracy.
- ZF2 roller guides are rated for speeds up to 900 m/min or, optionally, up to 2000 m/min.
- ZD2 roller guides are rated for speeds up to 2000 m/min or, optionally, 5000 m/min.
- Supplied in an attractive foam-fitted carrying case.
- NIST calibration available.

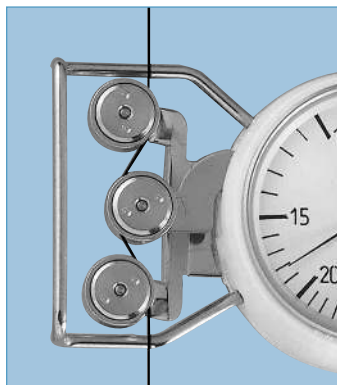
Type Z Series

Applications



ZF2 Models

Miniaturized rollers make these models ideal for delicate fibers, low tensions or when access space is limited.



ZD2 Models

Recommended for all other applications where miniaturized rollers are not needed.

Tension Ranges

| Model Prefix | ZF2 | | | | ZF2 or ZD2 | | | ZD2 | | |
|--------------|-------|------|------|------|------------|------|--------|--------|--------|--------|
| Range Code | 5 | 10 | 12 | 20 | 30 | 50 | 100 | 150 | 200 | 300 |
| Tensions (g) | 1-5.0 | 1-10 | 1-12 | 2-20 | 3-30 | 5-50 | 10-100 | 20-150 | 20-200 | 20-300 |

Note: Complete model number includes Prefix plus Range Code (Example: ZF2-12).

| Specifications | ZF2 | ZD2 |
|--|---|--|
| Accuracy* | ± 1% of Full Scale or ± 1 graduation mark on scale | ± 1% of Full Scale or ± 1 graduation mark on scale |
| Outer roller distance: c : c | 22 mm (0.87") | 33 mm (1.5") |
| Diameter of Dial | 54 mm (2.13") | 54 mm (2.13") |
| Dimensions | 150 x 120 x 30 mm (5.9" x 4.7" x 1.2") | 150 x 120 x 30 mm (5.9" x 4.7" x 1.2") |
| Weight | 210 g (7.5 oz.) | 230 g (8.2 oz.) |
| Roller Material (Standard) " " " (Optional) | Hard-coated aluminum Phenolic plastic | Hard-coated aluminum See DX2 Specifications |
| Maximum Linear Speed (Standard) " " " (Optional) | 900 meters/min 2000 meters/min (K) | 2000 meters/min 3500 meters/min (K) 5000 meters/min (HS) |
| Other Options | _____ | Calibration for horizontal material path (rollers pointing down) (D) Memory pointer |

* Using factory material standards and procedures. Special calibration using customer sample is available.

Specifications subject to change without notice.

ELECTROMATIC
EQUIPMENT CO., INC.

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or to place an order
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