

# DYNAMOMETRE HORIZONTAL

Pour la détermination de la force à la rupture et l'allongement



- ◆ ISO 1 924/2
- ◆ TAPPI T494
- ◆ SCAN P38
- ◆ CPPA D34..

## Description de l'appareil

- Easy adaptation of the machine for testing specimens of paper or tissue by means of exchanging the testing accessories.
- Possibility to carry out tensile tests for paper and tissue and wet tensile tests for tissue.
- High rigidity steel and aluminium frame.
- Driven by servo motor and high accuracy ball screw.
- Adjustable feet for the equipment levelling.
- Internal pneumatic circuit for connection to air supply (opening-closing of the grips).
- Set of adaptors and supports for paper and tissue tensile tests and accessory for tissue wet tensile test. Different sample widths and lengths. All these items are included in the standard supply.
- Pulley and verification and calibration kit (optional, not included in the standard supply).
- Automatic sample detection.
- Test speed adjustable between 0.2 and 330 mm/min.
- Automatic return to initial position after the test.
- Standard Load Cell of 500 N (possibility of 1.000 N or 150 N. Consult your provider).
- Maximum travel between grips of 300 mm.
- Security. Electronic (programming) and physical (limit switches) overload protection.
- RS-232 interface for connection to management and control programs.
- USB connection for maintenance works and for connection with USB printer.
- Force readings with a resolution of 0.004 % of the FS, and extension readings with a resolution of 0.01 mm.
- Accuracy. <1% of the applied force in a range between 2% and 100% of the FS.
- CE mark.

### **SOFTWARE CONTROL (Optional) :**

The machine, through its RS-232 connection, allows the total control and management of the test, by means of the PTA NOVILOG Software. It will be possible to preset tests, save test results graphical curves, carry out test reports, etc.

### Données techniques :

Connexion électrique	230 V / 50 Hz
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Connexion eau	Non
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Air comprimé	Oui
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