



Topcat Metrology Ltd



"Looking behind the measurement"

www.topcatmetrology.com

Our Prod and ProD-Plus (pressure rate onset device) for mechanical threshold testing allow accurate and appropriate measurement in both research and clinical environments.

There are no buttons to press: just touch the probe against the subject and the lights will guide you to increase the pressure at a controlled rate.

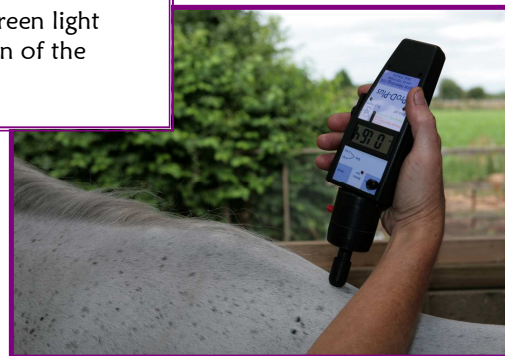
At threshold, simply withdraw ProD-Plus; the peak reading is stored and displayed in either units of force applied (Newtons), or units of pressure on the tissue (kgf/cm²), automatically derived for the probe in use.



Pressure rate onset: As soon as tissue pressure is detected, the guide lights activate, teaching you to increase the pressure at a constant, preset rate: press too hard and the red light comes on; press too little and the green light comes on. This ensures repeatable application of the force- an important point for publication.

ProD-Plus is supplied with the following accessories:

- 4, 8 and 16mm diameter probes
- an extension piece for soft tissue
- a second, angled head for upward palpation, at 90°, on a recumbent subject
- 2 rechargeable batteries and charger
- an actuator adaptor allowing ProD-Plus to be used with our range of limb mounted actuators



Technical Specification for ProD-Plus

- Force range: 1-25N
- Accuracy: $\pm 0.5N$
- Rate of force rise: 2N/sec or 4N/sec
- Pressure ranges indicated:
 - with 4mm tip: 0.4-20 kgf/cm²
 - with 8mm tip: 0.1-5 kgf/cm²
 - with 16mm tip: 0.1-1.2kgf/cm²
- Power: 9V PP3 battery
- Weight: 260g

Prod (display in Newtons, single rate (2N/sec), axial actuator and 3 tips): **£950**

ProD-Plus, with accessories as listed above: **£2450**

Traceable force calibration, with certificate: **£500**

All prices are ex-works. Packing and shipping worldwide quoted with order confirmation.

Prices and specifications are subject to change without notice.

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