



Topcat Metrology Ltd

"Looking behind the measurement"

www.topcatmetrology.com



Our Prod range of algometers, for mechanical threshold testing, allow accurate and appropriate measurement in research and clinical environments. There are no buttons: just touch the probe against the subject and the lights guide you to increase the pressure at a controlled rate. And at threshold, simply withdraw; the peak reading is stored and displayed in Newtons.

There are 3 instruments: the entry level Prod, ProdPlus with interchangeable actuators and ProdPro which may also be used with our limb-mounted actuators, making it an extremely versatile research tool.

And in the clinic, use of the Prod is now accepted as Recognised Veterinary Practice for clinical pain management.



Prod: Pressure Rate Onset Device 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 is supplied with a 2mm or 4mm diameter probe

ProdPlus also includes:

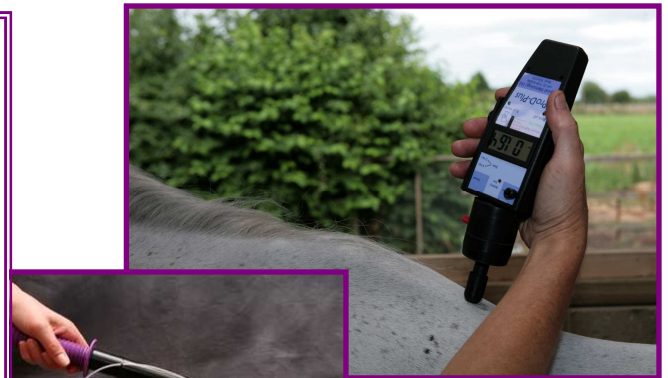
- Replaceable actuator mount (for the angled head)
- 1, 2, 4 and 8mm probes and extension piece
- Rechargeable batteries, charger and battery indicator
- Storage case

ProdPro includes, in addition:

- 3 force ranges (for our LA and SA actuator kits)
- 2 force rise rates (2N/sec and 4N/sec)
- Interface adaptor for our actuator kits

Accessories:

- a second, 90° angled head for upward palpation on a recumbent or sedated subject (ProdPlus or ProdPro)
- LA and SA limb mounted actuator kits (ProdPro only)
- Extension pole for untamed subjects



Prices

Prod:	£695.00
ProdPlus:	£990.00
ProdPro:	£1950.00
Angled actuator:	£500.00
Extension pole:	£500.00
Limb actuator set:	£500.00

Prices are ex-works. Packing and shipping quoted with order confirmation. Prices and specifications subject to change without notice.

Technical Specification

- Force range: 0.5-25N
- Accuracy: $\pm 0.5N$ (ProdPlus, ProdPro)
- Accuracy: $\pm 1N$ (Prod)
- Rate of force rise: 2N or 4N/sec
- Power: 9V PP3 battery
- Weight: 260g

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