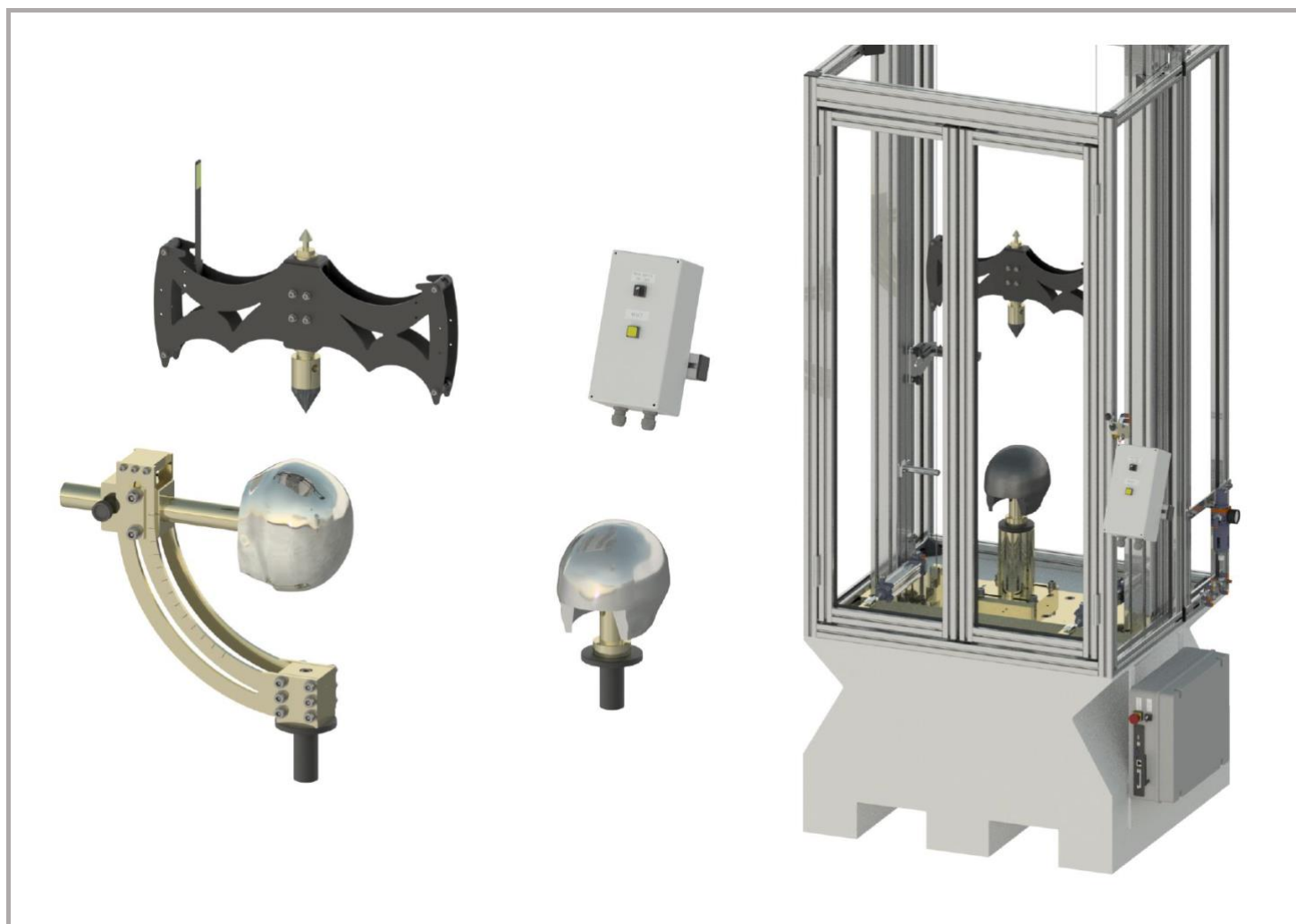


1025 C	KPTD 2180 / 2W	Penetration test kit for DOT, Snell, FIA, and similar standards Comprising a 3 kg drop carriage with a 60° cone point, an arc-guided adjustable headform holder, a vertical headform holder, and a contact detector with visual and acoustic indicators. Compatible with all twin-wire shock test rig models.
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The kit includes the following parts:

- **Ergal 75 drop carriage** equipped with 4 nylon guide blocks, designed for installation on twin-wire shock testing machines.
- **Penetration cone** (interchangeable geometries available), featuring a total assembly weight of 3 kg.
- **Arc-shaped steel headform holder** with a sliding support and a 40 mm diameter rod. This device enables multi-axis orientation of the headform (pitch, rotation, and tilt).
- **Pivot-type headform holder** to support the headform in a fixed vertical position, intended for top-impact tests only.
- **Universal base** compatible with both headform holders, equipped with an electrical insulation system.
- **Connection cables** linking the steel rod, the base, and the contact detector.
- **Control unit (220/24 V power supply)** featuring a contact detection circuit (flip-flop), a visual warning light, and an acoustic buzzer.
- **Control panel functions:** ON/OFF switch and contact reset button.
- **Versatile design:** Headform holders can be customized in shape to support various headform models.
- **Applicable standards:** Suitable for EN 397, EN 812, FMVSS 218 (DOT), FIA 8860, and equivalent testing methods.
- **Note:** Headform not included; must be purchased separately.

Optional accessories (recommended):

- **Set of aluminium headforms:** DOT series (S, M, L) or alternative ¾ EN/ISO cut headforms for CPSC and similar testing standards.