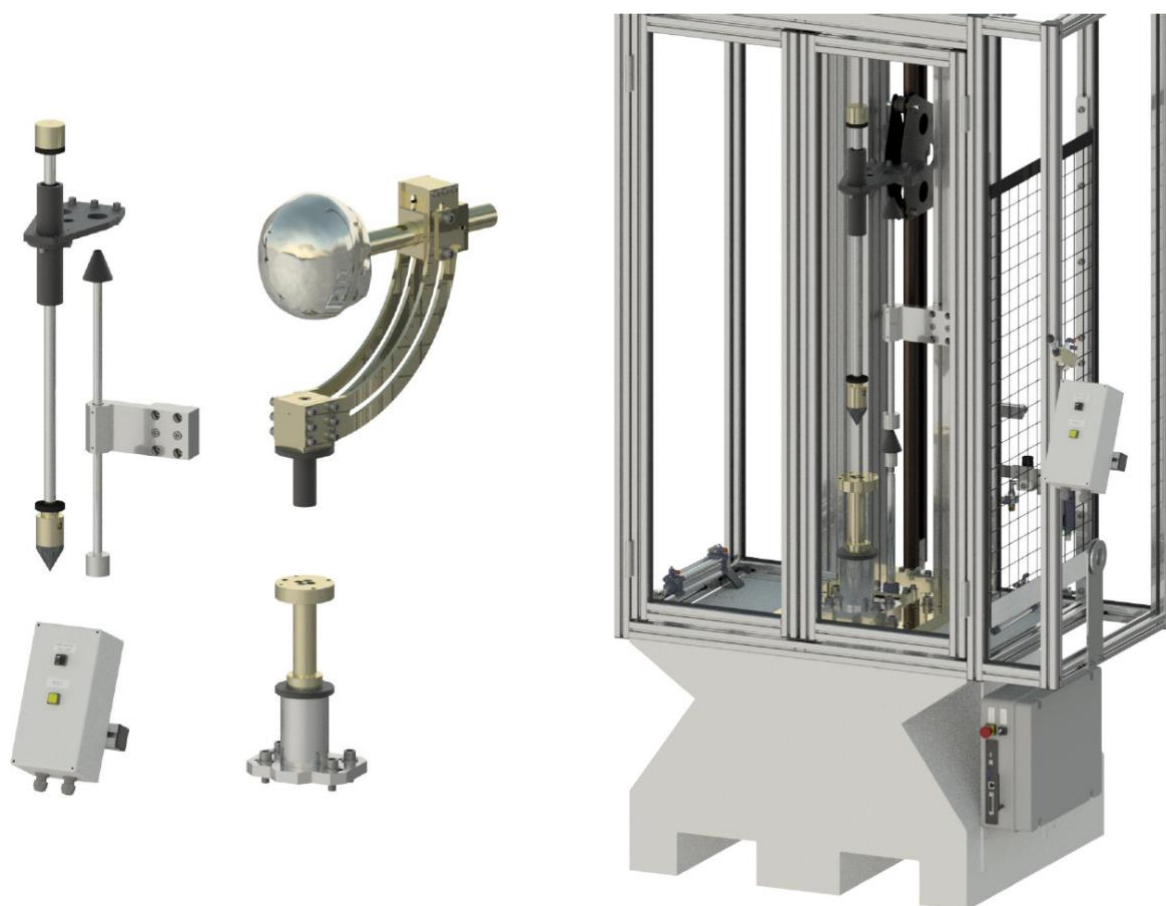


1025 C	KPTD 2180 M	DOT penetration test kit (FMVSS 218) Includes a monorail sliding rod on ball bearings, a junction plate, a conical point missile, and an adjustable headform holder (arc/pivot system). Equipped with a contact detector featuring visual and acoustic indicators. Compatible with two-part carriage monorail rigs.
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The kit includes the following parts:

- **Holder with 2 ball bushings** made of Ergal 75, complete with a junction plate. This device is designed for installation on the drop carriage used for free-fall tests on MAU 1006 and similar models (requires the two-part drop carriage version).
- **Sliding rod with penetration cone** (interchangeable geometries available), featuring a total assembly weight of 3 kg.
- **Headform holders (two types included):**
 1. **Arc-shaped steel holder** with a sliding support and a 40 mm diameter rod. This device enables multi-axis orientation of the headform (pitch, rotation, and tilt).
 2. **Pivot-type 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.
- **Extension brake** with a guided sliding rod, designed to be secured to Item-brand aluminium structural profiles.
- **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 function:** 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, and equivalent testing methods.

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.