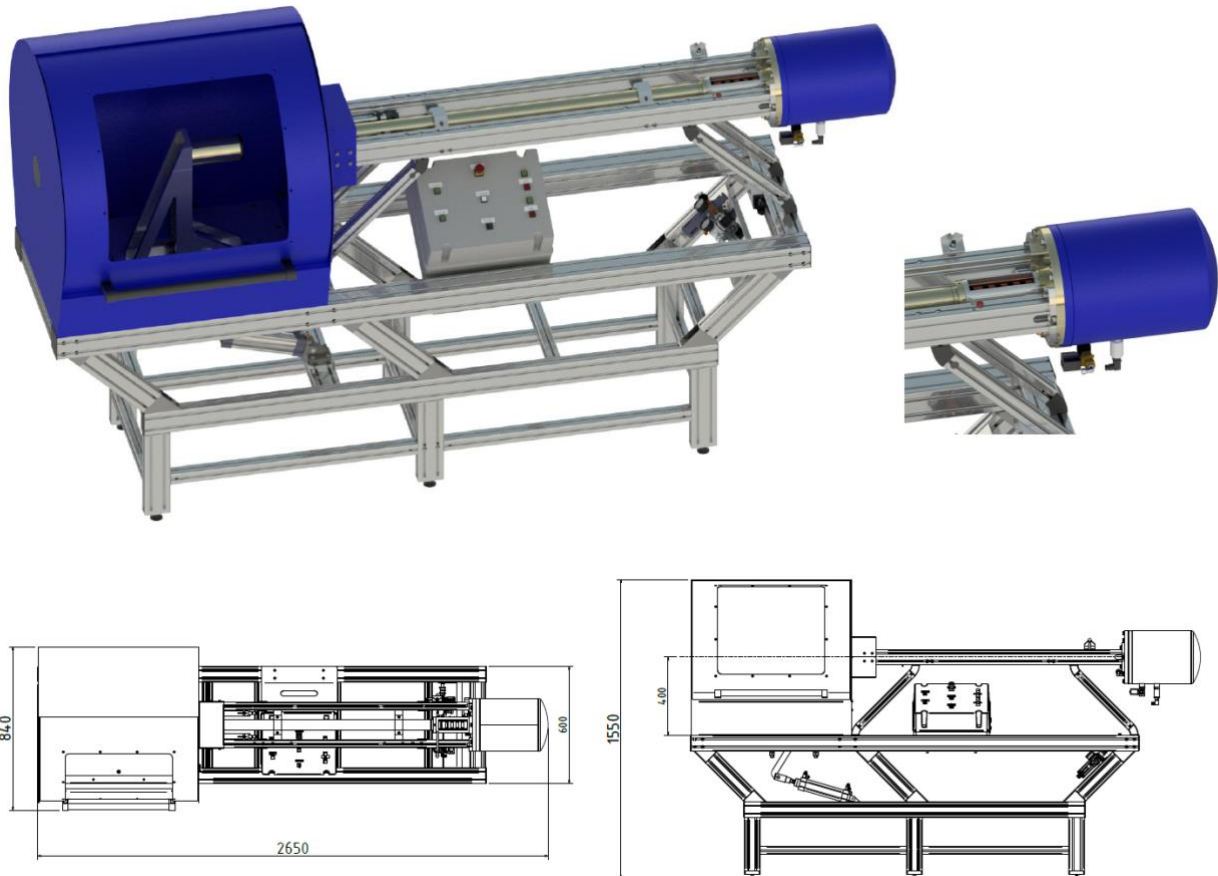


1113/1	HPGC 1010 R1	Designed for robust shell testing, this compressed air cannon can launch projectiles and darts up to 40 mm in diameter and 250 grams in weight, reaching speeds of 100 m/s. It features integrated electronic speed recording and software-based pressure management. The package includes a dedicated PC for full system control.
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Technical data sheet :

- **Frame:** Made of anodized aluminum ITEM profiles.
- **Pressure Vessel:** Steel compressed-air loading tank.
- **Firing Mechanism:** Special high-speed firing valve actuated by a pneumatic cylinder.
- **Loading:** Breech mechanism equipped with a safety sensor for aluminum dart loading.
- **Sample Handling:** Bi-directional sliding sample holder with position lock, securely clamped by two pneumatic cylinders.
- **Pressure Control:** Air-pressure loading system with an analog pressure gauge, interfaced with the PC via an integrated QASM7 board.
- **System Management:** Velocity recording and automated functions managed by proprietary GTM software via a USB-connected PC.
- **Enclosure:** Painted steel test cabinet featuring a transparent polycarbonate viewing window and an integrated door safety switch.
- **Accessories:** Two hard aluminum darts included.
- **Performance:** Maximum velocity up to 100 m/s.
- **Dimensions (L×W×H):** 2650 × 840 × 1550 mm.
- **Power Supply:** 220/240 V single-phase, 50 Hz; power consumption 0.7 kW.