

# UNITEC<sub>EVOLUTION</sub>

## Common Rail Test Benches



Rabotti UNITEC has been upgraded in 2020:

- The electronic boards and software have been completely redesigned to enhance bench functionalities
- The injected flow measurement system will no longer be read with the gear flowmeter (Kobold) but with the volumetric flowmeter ("cylinder")
- External devices like Coder, QrCode and IIC Coder are no more requested\*

These enhancements allow to introduce the following new features

- IMA coding for Bosch solenoid injectors for passenger cars (CRI2);
- 6 and 10 character IMA coding for Bosch industrial solenoid injectors (CRIN);
- 7 and 10 character ISA coding for Bosch piezoelectric injectors (CRI3);
- Bosch dual coil CRIN4.2 injector test;
- Coding C2I, C3I and C4I for Delphi DF11-DF11.5 and DF11.20 injectors;
- 16, 22, 24 and 30 character coding for Denso injectors;
- Internal sensor test present in Denso i-ART injectors;
- 6-character coding for VDO injectors.

\* an activation and an annual license are required

### DIMENSIONS AND WEIGHT

**Dimensions (W x L x H)**  
800 x 820 x 1400 mm

**Weight**  
400 kg

### FLOW SENSORS FEATURES

**Flow Range (Delivery)**  
1 ÷ 500 mm<sup>3</sup> / stroke

**Flow Range (Backflow)**  
1 ÷ 4000 cm<sup>3</sup> / min

### PRESSURE DATA

**Working Pressure Range**  
Up to 2500 bar

### ELECTRICAL DATA

**Electrical Socket**  
3P + N + GND

**Voltage - Frequency - Amperage**  
400 / 230 V - 50 / 60 Hz - 8 / 14 A

**Power Required**  
6,8 kW

### TEST OIL

**Oil Tank Capacity**  
30 L

**Oil Type**  
DIN ISO 4113