

TK1022



Testing scope – What can it test?

- Common Rail injector checks
- Flushing
- Excessive return flow check
- Nozzle condition diagnosis (blocked / leaking)
- Spray pattern observation
- Minimum spray pressure check

Who is TK1022 for?

- Diesel injector service workshops and injector reconditioning centers needing a practical, fast pre-test solution
- Common Rail injector repair shops that want to detect return-flow and nozzle issues quickly before full bench testing
- Workshops servicing both mechanical and Common Rail injectors and looking for one compact solution for basic checks
- Heavy-duty / off-highway service centers working with 2-spring mechanical injectors and needing separate 1st and 2nd spring opening-pressure measurement

Mechanical injector checks

- Spray pattern
- Opening pressure measurement for conventional mechanical injectors
- Separate 1st and 2nd spring opening pressure measurement for 2-spring injectors
- Flushing
- Excessive return flow check
- Minimum spray pressure check

VOP (Valve-Opening-Pressure) / rail pressure monitoring

- Rail pressure monitoring on Common Rail injectors with adjustable pressure limiting options
- Adjustable via touch panel: injection duration, injection rate, max/min rail pressure limits
- Simple, hand-operated operation for quick Common Rail injector pre-testing
- Touch-screen LCD interface with real-time pressure graph for easier assessment of pressure holding capability
- Large spray chamber and easy clamping for both mechanical and Common Rail injectors
- Fume handling: spray vapors are contained and filtered; optional duct connection for exhausting outside the room
- EU opening pressure test capability with suitable adapters

Technical specifications

Max pressure: 600 bar

Test oil tank capacity: 3 L

Interface: Touch Screen LCD Display

Arm position: Left or right (configurable by the user)

Electrical Requirements:

100-240 AC 50/60 Hz Universal

Single Phase

Machine Dimensions:

Width: 410 mm

Depth: 690 mm

Height: 1450 mm

Weight: 65 kg

Packing Dimensions:

Width: 450 mm

Depth: 780 mm

Height: 1030 mm

Weight: 77 kg