



ITC-3100 INJECTOR TESTER

TECHNICAL SPECIFICATION

The Boston ITC-3100 is our new injector testing unit for checking static and dynamic injectors on petrol engines. It is capable of testing TBI (single injector systems), MPFI (multi-point injector systems), FSI-GDI (direct injector systems) and CNG-LPG (natural gas and liquid petroleum gas).

The ITC-3100 is ideal for the after-market repair workshop and mobile tuning specialist for the checking and cleaning of petrol engine injectors to smooth running problems and improve fuel efficiency. It comes as standard with a selection of high quality machined injector interfaces and a clear bright LCD display to guide the operator through the simple test procedure.

Operation

The ITC-3100 is simple to use. The injectors are mounted using a standard fit injector rail, designed specifically to fit most existing top feed units. Follow the simple messages on the large blue backlit LCD display to operate one of three available test modes, Diagnostic, Manual or Custom tests.

- **DIAGNOSTIC:** Predefined sequence of functional tests which provides a complete injector test.
- **MANUAL:** The operator can individually select each test phase and set test parameters.
- **CUSTOM:** The operator can create and store up to 5 customised test sets.

Flow tubes are individually calibrated to ensure maximum accuracy while the integrated high efficiency LED bars provide clear spray pattern indication.

Special Features

- **AUTOTUNE:** Provides automatic adjustment to the test parameters to maximise resolution. This optimises test results and prevents the flow tubes from overfilling during the flow tests.
- **AUTO DETECTION:** The ITC-3100 automatically detects the type of injectors (saturated, peak and hold etc.)
- **ASSISTED TEST FLUID SERVICE:** The filling and emptying procedure for test fluids is conveyed on the display.



for any further information or advice,
please contact our sales team.
time is never an issue - customer service is.

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Technical Features

- Innovative design and compact structure
- Software determines the nominal injector flow rate to obtain maximum resolution and adjusts test parameters based on the actual characteristics of the injectors.
- Integrated diagnostic and testing software guides the operator through all phases.
- Integrated high efficiency white LED bar pattern for checking the injector spray pattern.
- Automatic Injector Type Detection
- High coverage of current petrol car market (equipped with EFI - in Europe starting with EURO 1)
- Operator interface with membrane keypad and alphanumeric LCD display (20 x 4)
- Hydraulic circuit pressure adjustment from 0 to 6 bar
- Assisted hydraulic circuit emptying and filling procedure
- Power supply: 230VAC / 47-63Hz
- Power Consumption: 200W
- Weight: 18Kg
- Dimensions: 370 x 500 x 500 mm (W x H x L)

Standard configuration

- ITC-3100 Injector Testing Unit
- Top Feed Injectors Standard Rail (complete with adapters)

Optional Extras

- EVO Rail for Top and Side Feed Injectors
- CNG / Adaptors
- Test and cleaning fluids



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