

Invented for life



BOSCH

DCI 200

The new single common-rail
injector test bench



DCI 200

Mount and test a standard injector
in 15 minutes



The latest exhaust emission standards and future directives increase the significance of testing common-rail injectors in modern diesel engines. Therefore, the more precise the measurement is, the more accurately the injector can be adapted.

The Bosch solution: The new DCI 200 single common-rail injector test bench has advantages for the workshop. Workshops benefit equally from the short setup and testing times as well as from the user-friendly operation during daily work.



? Did you know?

Out of 1,979 Bosch order numbers

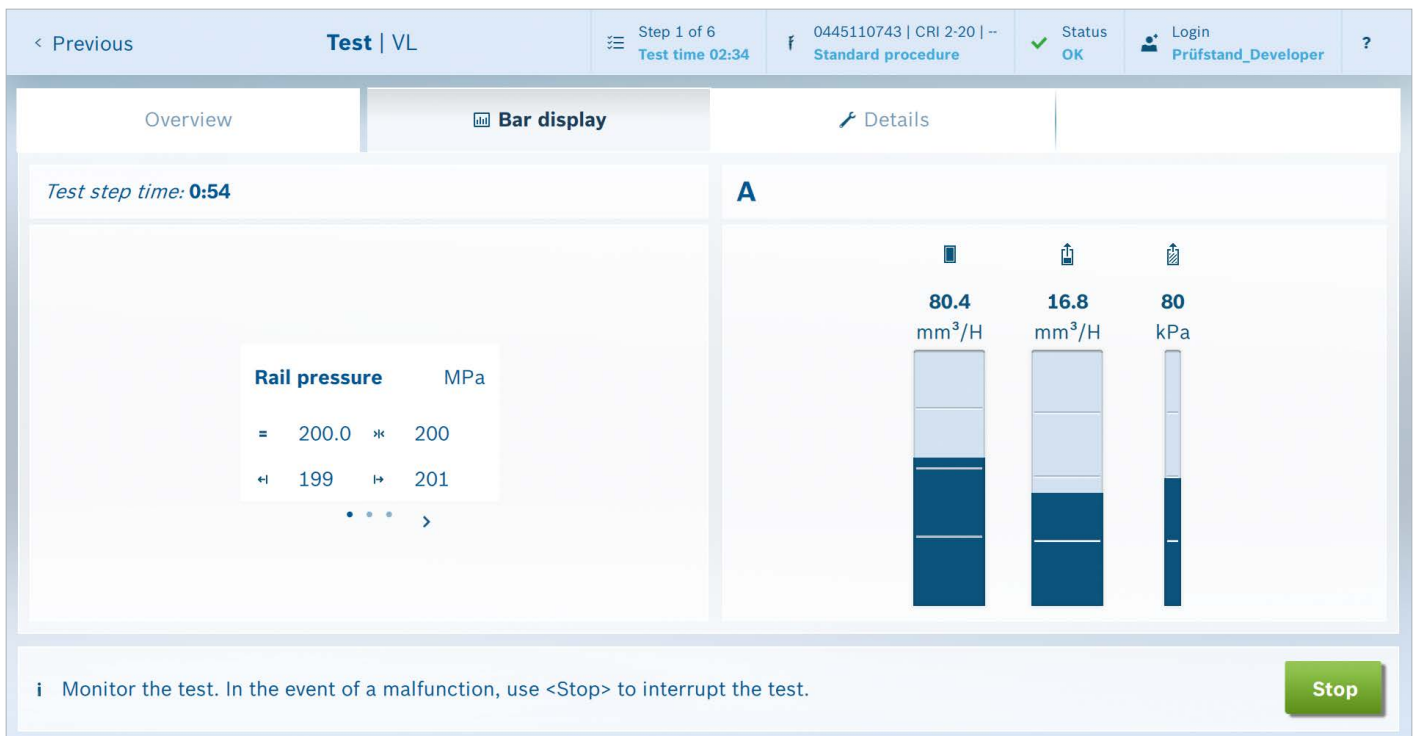
830 million

Bosch CRI/CRIN injectors are on the road worldwide.

(Stand: 05/2022)

DCI 200

Outstandingly equipped for the testing of common-rail injectors



Software subscriptions keep the workshop updated

The software subscription is necessary for the initial operation of the DCI 200. In addition to the activation, it enables regular online updates for flawless operation. The software provides current data, ensures smooth processes and pays off after only 8 tested injector sets.

Choose your subscription:

- CRI: 1 687 P15 090
- CRIN incl. CRIN 4.2: 1 687 P15 100

Advantages at a glance

- Saving time through the fast setup and an average testing time of 15 minutes
- Higher quality, reliability and transparency for Bosch injectors thanks to fast and precise testing – including IMA/NIMA coding
- High effectiveness through patented rotating rail concept – no vulnerable high pressure hoses required, lower maintenance cost and easier setup
- Always current through regular online updates
- Ergonomic design with the slanted lower part, allowing closer standing proximity and therefore improved working comfort at the test bench
- Capable of testing common-rail injectors with state-of-the-art VCC (Valve Closing Control) and NCC (Needle Closing Control) technologies for EURO 5 and EURO 6
- Modular retrofit kits for commercial vehicles and off-highway common-rail injectors – from Bosch and other manufacturers
- Thanks to the comparison of the part number with database information, the return back pressure is set automatically, thus eliminating the need for additional special accessories

DCI 200

Technology

Technical data	DCI 200
Test pressure	25 MPa ... 270 MPa
Max. rail pressure	270 MPa
Mechanical pressure limitation	285 MPa
Rail pressure control	by 2 pressure control valves (DRV) and ZME in CP4
Automatic injector backflow pressure control	50 kPa ... 1,200 kPa
Used HP pump for test pressure generation	CP4.1 (CP4-25)
Capacity of test oil tank: at the max. marking at the min. marking	15 l 12 l
Tightening torques of high-pressure connections, locking screws	20 ... 25 Nm
Dimensions w/o swiveling arm (W/H/D in mm)	910 × 1,736 × 786
Dimensions with swiveling arm and keyboard tray (W/H/D in mm)	1,010 × 1,736 × 900
Weight w/o test oil	415 kg
Operating System	Windows 10 IoT, 64 Bit
AC Voltage supply	230 +/- 10% VAC (0 683 225 001) with PC and display
Rated current	15 A
Fuse	16 A
Phases	1P - PE
Input frequency	50/60 Hz
Protection class entire test bench	IP 20
Air pressure, corresponds to a height of	700 hPa – 1,060 hPa ≤ 2,200m
Workplace-related emission sound pressure level according to DIN EN ISO 11201	< 69,2 dB(A) +/-2,5 dB
Operating temperature	5°C ... 40°C
Max. permissible relative humidity	≤ 90% (at 25°C and 24 hours duration)
Storage temperature	-20°C ... 60°C
Software and database updates	via DDM (Diagnostics download manager, internet connection prerequisite)



Scope of delivery

- CRI accessory kit for solenoid and piezo common-rail injectors
- high pressure pump CP4.2
- 15,6" LCD Touchscreen



Special accessories


With the optional accessories, the DCI 200 can be geared up for CRIN and CRIN 4.2 as well as for future generations of injectors.

- CRIN 1, CRIN 2, CRIN 3: 1 687 010 207
- CRIN 4.2: 1 687 010 209
- CRI/CRIN 3rd party: 1 687 010 208
- swiveling arm and tray for keyboard and mouse: 1 687 016 221
- insert shelf: 1 685 200 650

DCI 200

Product details



 **DCI 200 230 V, 50-60 Hz:** order number 0 683 225 001
Swiveling arm and tray for keyboard and mouse: order number 1 687 016 221

 **Video and configurator**

 Learn more about the DCI 200 in the product video



 Configure the DCI200 to meet workshop's requirements





What drives you, drives us

Bosch technologies are used in most vehicles worldwide.
People, and assuring their mobility, is what we are focused on.

Therefore, we have dedicated over 130 years of pioneering spirit
and expertise in research and manufacturing to achieving this.

We provide the aftermarket and workshops worldwide with modern diagnostic and workshop
equipment and a wide range of spare parts for passenger cars and commercial vehicles:

- solutions for efficient vehicle repairs
- innovative workshop equipment and software
- one of the world's most comprehensive ranges of new and exchange parts
- large network of wholesale customers, for quick and reliable parts supply
- competent hotline support
- comprehensive educational and training offers
- targeted sales and marketing support

Find out more at:
boschaftermarket.com

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