

### Gasoline Multit-Port (MPFI) & Throttle Body (TBI) Injection

#### GB400

inj x 4



#### GB800

inj x 8



#### Functional Tests

- Dynamic & Static Volumetric Flow Tests
- Electrical Coil & Resistance Test
- Spray Pattern Analysis
- Injector Leak Test

#### Exclusive Features

- Heated Ultrasonic Bath [7] (back)
- Automatic Volumetric Cylinder Draining
- Illuminated Spray Chambers [1]
- Built-In Injector Back Flushing [2]
- Electronically Controlled Pressure
- Automatic & Manual Functional Testing
- User Programmable Test Plans
- Dual Scale Pressure Gauge (bar/psi)
- Complete Injector Adapter Kit [8] (back)

#### Injector Service

- Injector Ultrasonic Pulsed Cleaning
- Injector Back-Flush

#### Specifications

- Test Pressure; 0-7.5 bar / 0-110 psi
- Testing rpm; 500-16,000 rpm
- Injector Pulse Width; .9mS-100mS
- Adj. Test Time; 1 sec - 20 min (1 sec. inc.)
- Volumetric Cylinder Capacity; 1-130 ml/cc



### Gasoline Direct Injection (GDI)

#### GB610R

inj x 1



#### GB620R

inj x 1



#### GB640R

inj x 4



#### Functional Tests

- Electronic Injector Volume Measurement
- Injector Coil Inductance & Resistance
- Injector Response Time
- High Pressure Injector Nozzle Leak Test
- Injector Leak Test
- Spray Pattern Analysis

#### Exclusive Features

- Intuitive 8" & 10" Touchscreen
- Full-Color Multi-Report Capability
- Wi-Fi Report Printing & Sharing
- Wi-Fi Database & Software Updates
- Illuminated Pressurized Spray Chamber [3]
- Fully Automatic Operation
- Custom Test Plan Authoring
- Real-Time Oscilloscope
- TeamViewer Support

#### Specifications

- Test Pressure; Up to 550 Bar / 8,000 psi
- Mass Measurement Accuracy; .2% FS
- Repeatability; .05%
- Test Time GB610R; Less than 10 min.
- Test Time GB620R; Less than 5 min.
- Test Time GB640R; Less than 15 min.



## Diesel Common Rail Test Systems

### Functional Tests

- Electronic Delivery Volume Measurement
- Electronic Static Back Leak Measurement
- Injector Coil Inductance & Resistance
- Injector Response Time [4]
- High Pressure Injector Nozzle Leak Test
- Injector Leak Test
- Spray Pattern Analysis

### Exclusive Features

- Database of Injector Test Plans [5]
- Full-Color Multi-Report Capability
- Wi-Fi Report Printing & Sharing
- Wi-Fi Database & Software Updates
- Illuminated Pressurized Spray Chamber [6]
- Fully Automatic Operation
- Custom Test Plan Authoring
- Real-Time Oscilloscope
- TeamViewer Support

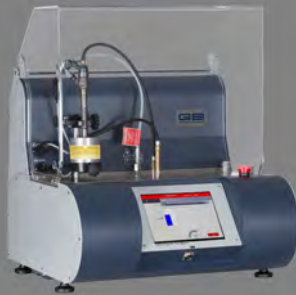
### GB310R

inj x 1



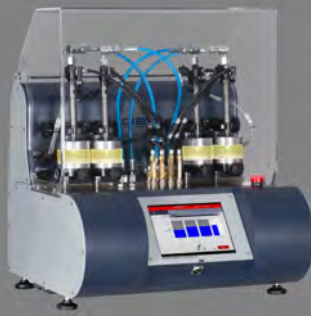
### GB320R

inj x 1

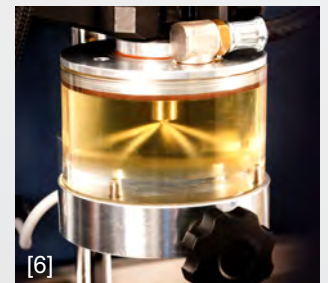
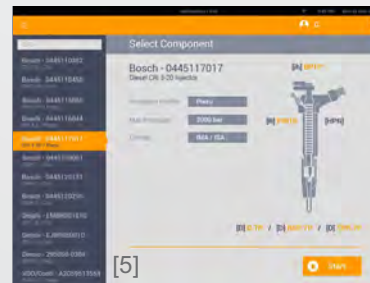


### GB340R

inj x 4



Feature Matrix	GB310R	GB320R	GB340R
Simultaneous Injector Testing	1	1	4
Maximum Test Pressure (Bar/Req. Air Sup.)	2000 @ 6 bar	2500 @ 6.5 bar	
Electronic Mass Measurement Method	Static	Dynamic	
Measurement Accuracy	.6% FS	.2% FS	
Intuitive Touch Screen	8"	10"	
Injector Encoding	n/a	C2i/C3i, IMA/ISA	
Test Phase Time	10-15 min	8 min	25 min



[7] GB's USB100 Ultrasonic Bath features a user adjustable thermostatic heater and automatic frequency sweep technology (31-42kHz).

[8] GB offers the industry's most comprehensive set of adapters for both gasoline and diesel injectors. Our adapter program is always evolving to accommodate new injector styles.

[9] GB offers an entire catalog of gasoline injector service components including o-rings, seals, pintle caps and filters.

## Accessories & Components



## GB Remanufacturing, Inc.

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