

**TEST AND CLEANING OF PETROL / LPG / METHANE INJECTORS**

These benches guarantee the best tests and the best cleaning of every type of mechanical injector, MULTIPPOINT, SINGLE POINT and direct fuel injection (FSI, GDI, etc..)

**MASTERMATE  
PROFI**



MADE IN ITALY

**MASTERMATE PROFI**

**Cod. 02.006.04**

- 6 test injectors
- Automatic recognition of the injector type
- Tests on SPI and MPI and high pressure injectors (GDI, FSI, JTS)
- Testing and washing of LPG / methane injectors
- Ultrasonic tank (3 lt) with timer and heater
- Digital regulation of rpm and injection time (13 programs)
- High pressure pump (up to 11 bar)
- Service trolley
- U/S tank liquid for the hot washing, 5 lt (code 02.000.43 / 5411)
- Liquid for petrol injector testing, 5 lt (code 02.000.41 / REM 40)
- BASE and PROFI adapter kit included

**RED STAR  
BASE / PROFI**



MADE IN ITALY

**RED STAR BASE**

**Cod. 02.007.04**

**RED STAR PROFI**

**Cod. 02.007.09**

- 6 test injectors
- Automatic recognition of the injector type
- Tests on SPI and MPI and high pressure injectors (GDI, FSI, JTS)
- Testing and washing of LPG / methane injectors
- Ultrasonic tank (3 lt) with timer and heater
- Digital regulation of rpm and injection time (4 programs)
- High pressure pump (up to 11 bar)
- Service trolley
- U/S tank liquid for the hot washing, 5 lt (cod. 02.000.43 / 5411)
- Liquid for petrol injector testing, 5 lt (cod. 02.000.41 / REM 40)
- BASE adapter kit included
- PROFI adapter kit (optional in the RED STAR **BASE** version)

# BLU STAR

## BASE / PROFI



### BLU STAR BASE









Cod. 02.008.02

### BLU STAR PROFI




Cod. 02.008.04

- 4 test injectors
- Automatic recognition of the injector type
- Tests on SPI and MPI and high pressure injectors (GDI, FSI, JTS)
- Testing and washing of LPG / methane injectors
- Ultrasonic tank (2 lt) with timer (cold)
- Manual adjustment of rpm and injection time
- High pressure pump (up to 11 bar)
- Service trolley (on request in the BLU STAR BASE version, Cod. 05.088.40)
- U/S tank liquid for the cold washing, 5 lt (cod. 02.000.42 / WT1)
- Liquid for petrol injector testing, 5 lt (cod. 02.000.41 / REM 40)
- BASE adapter kit included
- PROFI adapter kit (optional in the BLU STAR **BASE** version)

#### ADAPTER KITS INCLUDED IN THE PROFI VERSION

|  |   |  |   |
|--|---|--|---|
| <b>Honda/Toyota/Hyundai/Mitsubishi</b>   | <b>Ford Multipoint - Singlepoint</b>  | <b>Citroën/Peugeot/VW/Ford with Bosch mono motronic radial filter</b>                | <b>Nissan with radial filter</b>  |
| <b>Cod. 02.000.30</b>  | <b>Cod. 02.000.32</b>   | <b>Cod. 02.000.33</b>  | <b>Cod. 02.000.35</b>   |
|  |  |  |  |
| <b>Direct injection GDI, FSI, JTS</b>  | <b>GPL/Landi injector bar</b>   | <b>BRC - (GPL) injector bar</b>  | <b>UNIVERSAL bar for LPG injectors</b>  |
| <b>Cod. 02.000.49</b>  | <b>Cod. 02.000.57</b>   | <b>Cod. 02.000.60</b>  | <b>Cod. 02.000.68</b>   |
|  |  |  |  |



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|--|---|--|--|------------------|---|--------------------|
|  | <b>MASTERMATE</b>   |  | <b>RED STAR</b>  |                  | <b>BLU STAR</b>   |                    |
| Model  | <b>PROFI</b>  |  | <b>BASE</b>  | <b>PROFI</b>     | <b>BASE</b>   | <b>PROFI</b>       |
| Code   | <b>02.006.04</b>  |  | <b>02.007.04</b>   | <b>02.007.09</b> | <b>02.008.02</b>  | <b>02.008.04</b>   |
| Nr. of injectors on test   | 6   |  | 6  | 6                | 4   | 4                  |
| Automatic recognition of the injector type   | ✓   |  | ✓  | ✓                | manual  | manual             |
| U/S tank with timer  | 3 lt  |  | 3 lt   | 3 lt             | 2 lt a  | 2 lt               |
| Digital adjustment RPM, time injection (tests programs)                                  | ✓ 13 programs   |  | ✓ 4 programs   | ✓ 4 programs     | manual (cold mode)  | manual (cold mode) |
| High Pressure pump (up to 11 bars)   | ✓   |  | ✓  | ✓                | ✓   | ✓                  |
| Test on SPI & MPI injectors  | ✓   |  | ✓  | ✓                | ✓   | ✓                  |
| Test and cleaning of LPG injectors   | ✓   |  | ✓  | ✓                | ✓   | ✓                  |
| Service Trolley  | ✓   |  | ✓  | ✓                | optional<br>cod. 05.088.40  | ✓                  |
| <b>5411</b> (cod. 02.000.43)<br>Liquid for hot washing U/S tanks, 5 lt                   | ✓   |  | ✓  | ✓                | -   | -                  |
| <b>WT1</b> (cod. 02.000.42)<br>Liquid for cold washing U/S tanks, 5 lt                   | -   |  | -  | -                | ✓   | ✓                  |
| <b>REM 40</b> (cod. 02.000.41)<br>Liquid for petrol injector tests, 5 lt                 | ✓   |  | ✓  | ✓                | ✓   | ✓                  |
| Base equipment   | ✓   |  | ✓  | ✓                | ✓   | ✓                  |
| 043.6 (cod. 02.000.30) Kit adapters for<br>Honda, Toyota, Hyundai, Mitsubishi            | ✓   |  | -  | ✓                | -   | ✓                  |
| 043.9 (cod. 02.000.32) Adapter kit for Ford SPI<br>and MPI                               | ✓   |  | -  | ✓                | -   | ✓                  |
| 043.11 (cod. 02.000.33) kit for Citroen, VW,<br>Ford, Bosch monomotronic (Y10) injectors | ✓   |  | -  | ✓                | -   | ✓                  |
| 043.20 (cod. 02.000.35)<br>Kit for Nissan injectors                                      | ✓   |  | -  | ✓                | -   | ✓                  |
| 043.24 (cod. 02.000.49)<br>Kit for GDI-FSI-JTS injectors                                 | ✓   |  | -  | ✓                | -   | ✓                  |
| Cod. 02.000.57<br>Injector holding rail for LPG Landi Renzo                              | ✓   |  | -  | ✓                | -   | ✓                  |
| Cod. 02.000.60<br>Injector holding rail for BRC  | ✓   |  | -  | ✓                | -   | ✓                  |
| Cod. 02.000.68<br>Injector holding rail for LPG  | ✓   |  | -  | ✓                | -   | ✓                  |



The pictures have merely explanatory purposes and can be changed with no warning

## RED STAR

TEST BENCH & INJECTOR CLEANER



### OPTIONAL ACCESSORIES

|           |   |   |
|-----------|---|---|
| 02.000.30 | <b>Art. 043.6</b><br>Kit adapters for Honda, Toyota, Hyundai, Mitsubishi<br>(included in PROFI Version)                                     |   |
| 02.000.32 | <b>Art. 043.9</b><br>Adapter kit for Ford SPI and MPI<br>(included in PROFI Version)  |   |
| 02.000.33 | <b>Art. 043.11</b><br>Kit for Citroen Xantia, Peugeot 406, Ford Mon deo, VW Golf e Bosch mono motronic (Y10)<br>(included in PROFI Version) |   |
| 02.000.35 | <b>Art. 043.20</b><br>Kit adapters for Nissan Primera, Micra, Serena<br>(included in PROFI Version)   |   |
| 02.000.49 | <b>Art. 043.24</b><br>Kit for direct fuel injection systems GDI-FSI)<br>(included in PROFI Version)   |   |
| 02.000.48 | <b>Art. 043.23</b><br>Kit of cables and stirrup for motorcycle injectors  |   |
| 02.000.57 | <b>Injector holding rail</b> for LPG Landi Renzo, also for Fiat Panda Natural Power<br>(included in PROFI Version)                          |   |
| 02.000.60 | <b>Injector holding rail</b> for LPG BRC<br>(included in PROFI Version)   |   |
| 02.000.59 | <b>Injector holding kit for METHANE</b> (Breda Bus), 4 pcs  |   |
| 02.000.68 | <b>Universal Injector holding rail</b> for LPG<br>(included in PROFI Version)   |   |
| 02.000.41 | <b>Art. REM 40</b><br><b>Liquid</b> (5 lt) for petrol injector tests  |   |
| 02.000.42 | <b>Art. WT1</b><br><b>Liquid</b> (5 lt) for COLD washing U/S tanks (for <b>BLUE STAR</b> model only!)<br><b>To be used 100% pure</b>        |  |
| 02.000.43 | <b>Art. 5411</b><br><b>Liquid</b> (5 lt) for HOT washing U/S tanks (for <b>CK-Export</b> U/S tanks)<br><b>Max 10% dilution (90% water)</b>  |  |

## MASTERMATE

TEST BENCH & INJECTOR CLEANER



## BLU STAR

TEST BENCH & INJECTOR CLEANER



**Cod. 05.088.40**  
5 drawers trolley for Blue Star