



# CALIBRATA

NEW GENERATION DIESEL INJECTION CRDI PUMP TEST BENCHES

MODEL: FEW/NEUZEN-VIII/EDC/CRDI



AN ISO 9001: 2008 Co.

- COMPUTRISED LED DISPLAY OF RPM, STROKES, TIME AND FUELTEMPERATURE
- DIGITAL PRESSURE GAUGES FOR INLET AND TRANSFER PRESSURE
- MAXIMUM TORQUE AT LOW AND HIGH RPM WITH 100% OUTPUT
- GROUNDED HARD CROME RAIL FOR VIBRATION FREE MOUNTING
- BALANCE HARD CROME DIALED FLYWHEEL FOR HIGH MOMENT OF INERTIA
- HEIGHT ADJUSTABLE SWIVELING MEASURING CONSOLE WITH JACK CONTROL
- 12V INBUILT AIR COMPRESSURE, M.P.C UNIT FOR BOOST PRESSURE

**CALIBRATION OF INLINE, ROTARY, EDC[VE37]&CRDI PUMPS**

**INTRODUCTION CALIBRATA** NEUZEN VIII DIESEL FUEL INJECTION PUMP TEST BENCH WITH COMPUTERISED LED DISPLAY, A MOST VERSATILE, ACCURATE, ECONOMIC, FAST IN OPERATION, IS A TESTING EQUIPMENTS TO MEET THE STANDARDS OF WIDER RANGE OF MODERN FUEL INJECTION PUMPS i-e- 8 CYLINDERS INLINE PUMPS, ROTARY PUMPS, EDC PUMPS AND COMMON RAIL HIGH PRESSURE PUMPS, INJECTOR & RAIL TESTER WITH PIEZO INJECTOR TESTING.

## SALIENT FEATURES

**AC FREQUENCY INVERTOR DRIVE**, 10HP CONTROLLED BY STANDARDISED CIRCUIT BREAKERS, CONTROL SWITCHES, 3PHASE VOLTMETER, DUAL POTS AND REV/FORWARD PUSH BUTTONS EXERTS INFINITELY VARIABLE SPEED FROM 0 TO 4000 RPM WITH CONSTANTLY HIGH TORQUE WITH 100% OUTPUT ACCORDING TO CALIBRATION STANDARD.

**ISI STANDARD AC ELECTRIC MOTOR** 7.5 HP INDIRECTLY TRANSMITTED BY VIRTUE OF EXCEEDING FREQUENCY RUNS AT BOTH RHS AND LHS RPM WITH FREQUENT SPEED VARIATION BY AC DRIVE.

**SWIVELING INJECTOR CONSOLE** WITH JACK CONTROL ADJUSTMENT SUITED TO DIFFERENT HEIGHTS OF FIP PUMP AVOIDS DISTURBANCE OF PIPES FOR 8 QUANTITY MEASURING POINTS WITH CENTRALLY SHUTTER CONTROL.

**COMPUTERISED LED MONITOR** DISPLAYS RPM STROKE COUNTING (100-1200), STROKE TIME AND CALIBRATION FUEL TEMPERATURE OF THE FUEL INJECTION PUMP.

**TWO DIGITAL PRESSURE GAUGES** DISPLAYS 1] INLET PRESSURE 2] TRANSFER PRESSURE OF FUEL INJECTION PUMP.

**FOUR ANALOG PRESSURE GAUGES** 1] INLET PRESSURE 2] TRANSFER PRESSURE 3] HIGH PRESSURE 4] AIR PRESSURE

**INBUILT 12V COMPRESSOR** FOR REGULATING BOOST PRESSURE UP TO 2.5 BAR THROUGH M.P.C.

**SAFETY CHAMBER** WITH POLYCARBONATE SHIELDING PROVIDES OUTSIDE WORKING TRAY OF TEST BENCH.

**CRDI SIMULATOR** ENABLES FOR TESTING UP TO 4 INJECTORS AT ONCE LIKE BOSCH, DELPHI, DENSO, SIEMENS

## STANDARD ACCESSORIES

1. TESTED INJECTORS FITTED WITH DN 12SD12 BOSCH NOZZLES FOR 175 BAR FOR INLINE PUMPS.
2. FLANGED TYPE BRACKET FOR MOUNTING CRDI AND ROTARY PUMPS. J-TYPE BRACKET WITH BLOCKS FOR INLINE PUMPS WITH TEE NUTS, WASHERS AND HIGH TENSILE HEX BOLTS. COUPLING SAFEGUARD.
3. LED MONITOR, CORDLESS KEYBOARD AND MOUSE WITH TRAINING CD FOR CRDI PUMPS
4. RECONDITIONED CRDI PUMP AND COMMON RAIL, INJECTOR DISMANTLING SOCKETS AND TRIANGULAR SOCKETS FOR EDC PUMPS. HIGH PRESSURE PIPES, MAIN COLLECTION ADAPTORS, RETURN CONNECTIONS WITH LOW PRESSURE PIPES AND DISPENSORS. A TYPE PLATE FIXTURE FOR DISMANTLING INJECTORS, A UNIVERSAL STAND FOR HOLDING CRDI INJECTORS AND COMMON RAIL. SENSORS AND DRV CONNECTORS HIGH PRESSURE PIPEPS WITH 14X12 AND 14X14 MM NUTS CONNECTIONS -8NOS EACH FOR INLINE, ADAPTOR CABLES SUITED TO CRDI PUMPS, COMMON RAIL AND INJECTORS.
5. GRADUATED GLASS TUBES WITH ACCURATE MEASUREMENT 0 TO 16ML AND 0 TO 75 ML EACH 8NOS.
6. HIGH PRESSURE PIPES (600MM) FOR INLINE PUMPS 12 AND 14MM NUT - 8NOS. 14 AND 14MM NUT 8NOS. HIGH PRESSURE PIPES (900MM) FOR ROTARY PUMPS 12 AND 14MM NUT 8NOS
7. D.C. SUPPLY CONNECTIONS, DIESEL FILTERS, PERFORATED TRAYS AND TOMMY BAR.

## FRIENDSCO ENGINEERING WORKS (REGD.)

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