

ELECTROMECHANICAL DIAGNOSIS FOR COMMON-RAIL INJECTORS and PUMP-INJECTORS



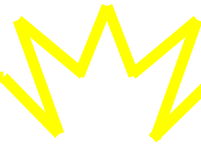
P.N.: VIRTUAL-MET/01

Virtual-Met is a virtual mechatronic instrument used to develop a mechanic and electronic diagnosis of components.

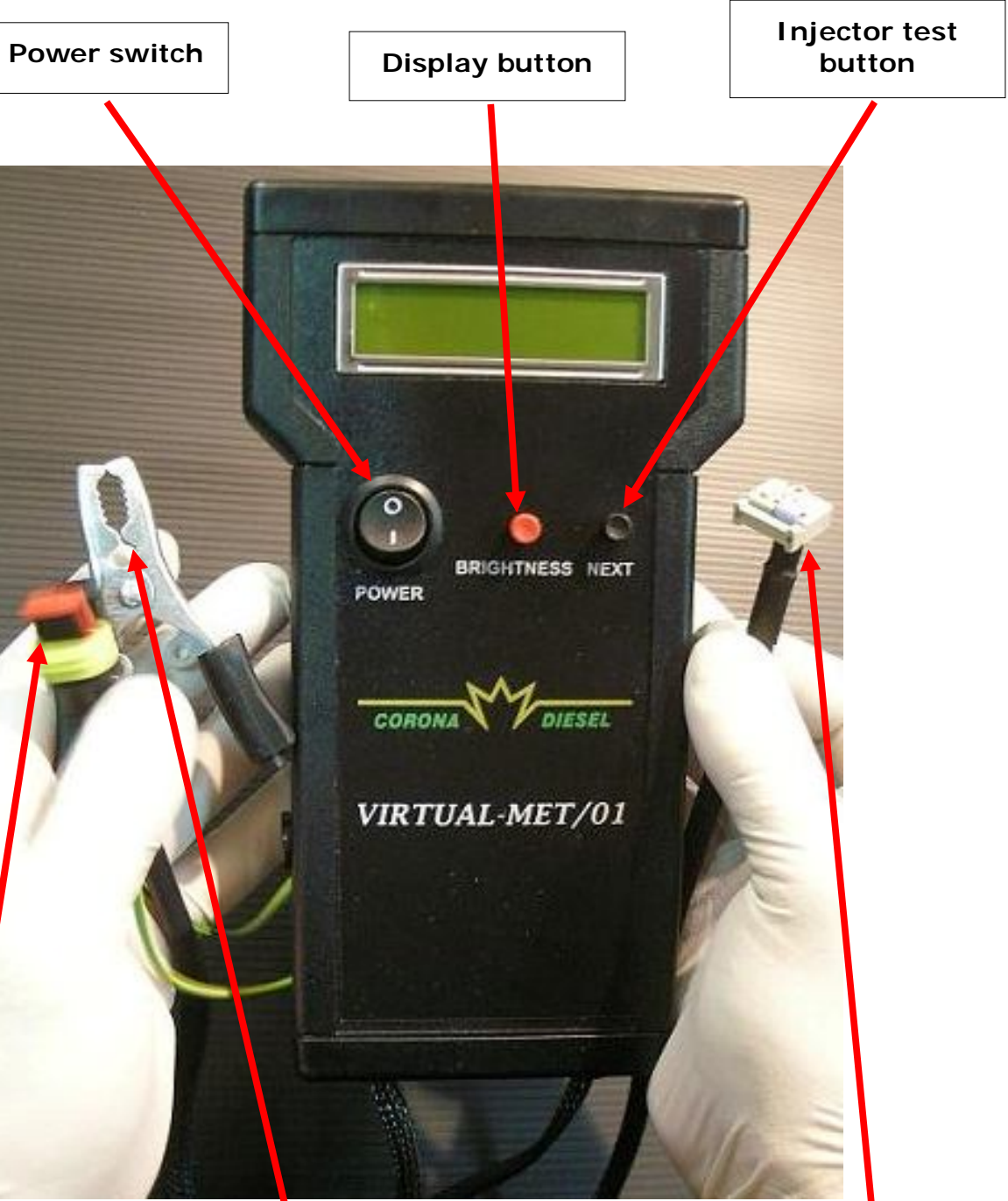
Used with the Mitutoyo measurement system, this virtual mechanic approach may conclude successfully a complete electroinjector test, whereas it detects broken components if utilized alone.

THE INSTRUMENT, SUPPLIED WITH CONNECTIONS FOR MOST COMMON RAIL SYSTEMS AND PUMP-INJECTORS, CARRIES OUT:

- ◆ INDUCTANCE MEASUREMENT = AIRGAP and SERVOVALVE LIFT
- ◆ RESISTANCE MEASUREMENT = COIL INTEGRITY
- ◆ ELECTRICAL INSULATION MEASUREMENT = SOLENOID INSULATION TO BROKEN INJECTOR (SHORT CIRCUIT)
- ◆ CURRENT MEASUREMENT = COIL ABSORPTION
- ◆ MITUTOYO INTERFACE AND TEST RESULTS
- ◆ ENGINE TEST ON REAL TIME
- ◆ TESTING ON TEST BENCH



ELECTROMECHANICAL DIAGNOSIS FOR COMMON-RAIL INJECTORS and PUMP-INJECTORS



Power switch

Display button

Injector test button

Injector cable connection

Plier connection current-injector

Mitutoyo connection