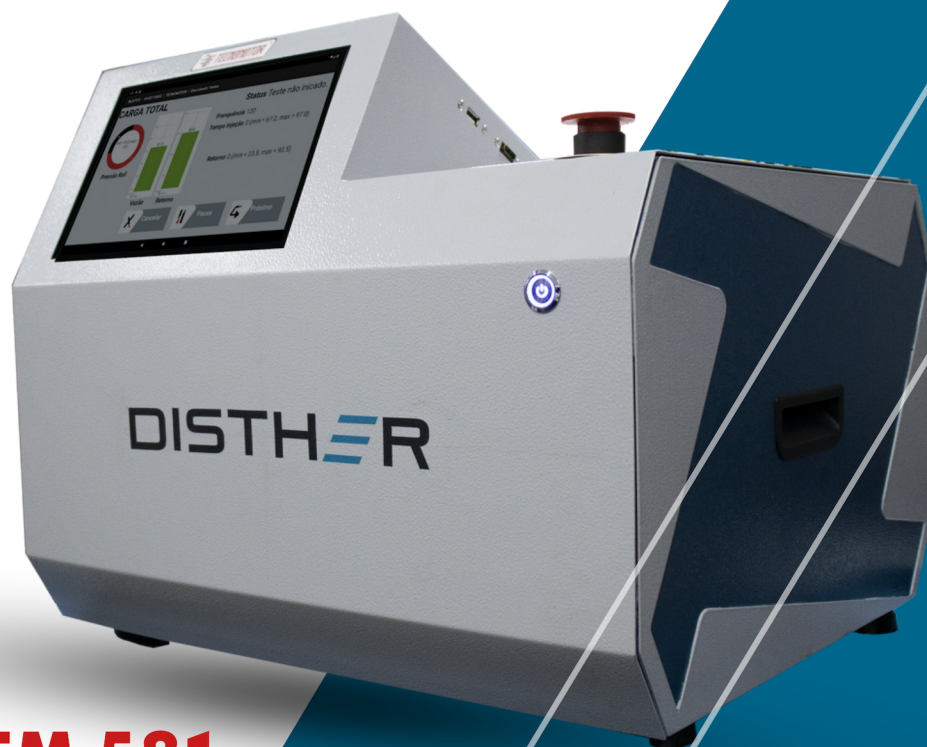




ELKOSO[®]

MANUFACTURING SOLUTIONS



DISTHER - TM 581

Technology, transformation
and result. The solution for test
of High Pressure Common Rail
Diesel Pumps



TECNOMOTOR[®]

OVERVIEW

Disther - TM 581

Disther is a compact, high tech module for valves actuation, pressure and flow measuring. It was developed for testing high pressure Diesel Common Rail pumps, supplying more reliability and precision with results never seen before in the American market.

By adding hydraulic connections, some sensors (pressure and rotation) and valves (rail and DRV) Disther turns your pump test bench into a modern and sophisticated equipment for pump valves actuation, pressure and flow measuring.

HIGHLIGHTS

EXCLUSIVE TECHNOLOGY

With Disther your test bench receives technological resources, with official manufacturer´s reference parameters, pressure control and digital flow measuring.

It has an exclusive diagnosis test plan that consists of a guided test enabling the performance analysis of the internal elements of the pump, which facilitates the repair work.

It tests pumps with synchronized actuation of the pressure valves, such as Denso HP5 (Toyota Hilux), Caterpillar (326-4634) among others.



MAIN FEATURES

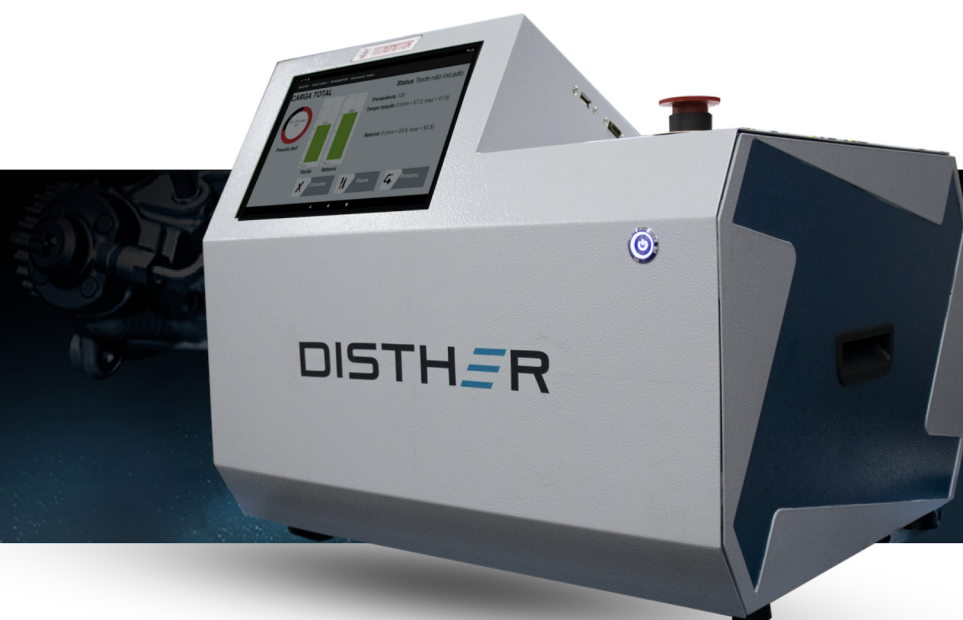
Disther - TM 581

- It includes pressure rail, inlet vacuum meter, pressure rail holder, harnesses and hoses.
- It tests high pressure pumps by following the parameters from the manufacturers (Bosch, Delphi, Denso, Caterpillar, among others).
- Its diagnose test plan aims to be a guided test that enables the performance analysis of the internal elements of the pump facilitating the repair work.
- Test of CR regular pumps.
- Test of CR synchronized pumps (Hilux | Caterpillar).
- Application table with reference parameters from manufacturers.
- Official and Diagnose test mode.
- 10.1" Touch Screen Display.
- Issuing of test reports with online sharing.
- Wi-Fi connection for updating and sending information.
- Pressure and flow electronic control with high precision digital measuring.
- Online updating.

TECHNICAL SPECS

Disther - TM 581

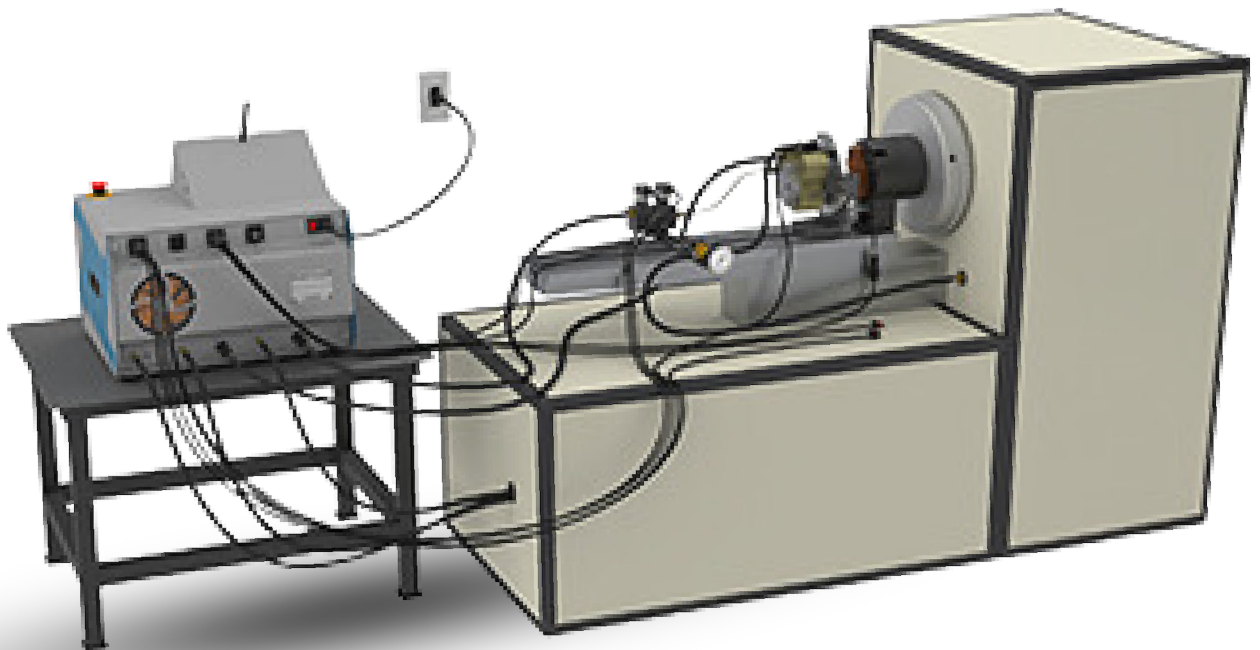
- Power Input: 220V, 60Hz;
- Consumption: 350W;
- Display: 10.1' (1280x800);
- Android: 8.1;
- Wi-Fi connection;
- USB connection;
- HDMI connection for screen mirroring;
- Inlet test fluid filters 40u;
- Equipment weight: 21 Kg;
- Equipment weight + hoses + cables: 24,8 Kg;



FOR TEST BENCH

Minimum Requirements

- Test fluid temperature control between 42° and 54°
- Capacity: 20L
- Test fluid feeding and pressure control up to 5 bar
- Speed and rotation sense control
- Mechanical inertia flywheel: 2-kg
- Electric motor power: 10CV





ELKOSO[®]
MANUFACTURING SOLUTIONS

MORE INFO

www.elkoso.tech