

FLOW CONTROL VALVE

FLOW AND PRESS TESTER

For pressure and Flow

It is possible to visualize the actual data of flow and the interaction between flow, pressure and back pressure closing progressively the tester restriction valve

It is possible to take the maximum pressure of the circuit (static pressure) and the pressure value of the pre-opening of the relief valve (cracking pressure) that corresponds to the real relief valve setting, it is also possible to see the engines speed under load, like controlling revolution drop or raise etc.

It is possible to create the necessary load on the circuit to simulate the operative condition of the tool and getting data to make a graph temperature/time

Allows to make an accurate regulation of the hydraulic circuit of a power pack or mini excavator or any hydraulic machine and to control its real values.



The tester is an indispensable measuring instrument for hydraulics that allows to visualize anywhere, precisely and in real time the maximum and relative values of: **flow-pressure-back pressure and the interaction of these values.**

The tester can control on the job site the hydraulic characteristics of power packs, trucks, excavators and earth moving equipment, street sweepers, and all hydraulic machines locating immediately the problems of the circuits that often are the causes of malfunctioning of the tools. The instrument is robust, light, easy to use and thanks to its mechanical functioning can be used also with high presence of water and dirt that are typical situations of the out door use. Surprising are also its precision and cost that is much lower if compared to the expensive and fragile electronic testers.

TECHNICAL CHARACTERISTICS	Tester
Weight (kg)	2,5
Length (cm)	50
Flow max L/min	60
Pressure max	210 Bar
Backpressure	max 60 Bar

