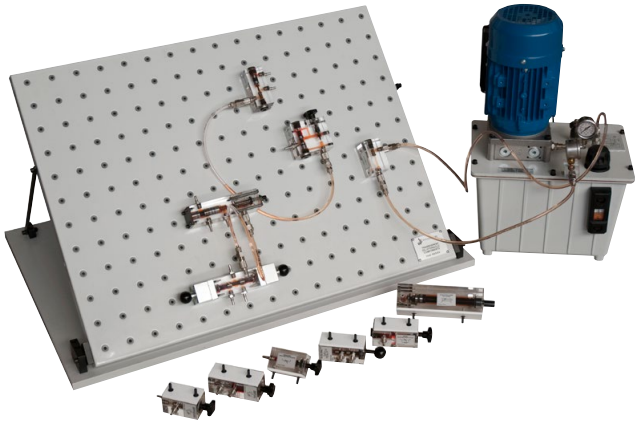
TRANSPARENT OIL-HYDRAULIC COMPONENTS
Mod. HVS/EV

Together with the provided hydraulic station, the system for using the oil-hydraulic visual software enables the direct analysis of the internal mechanism and operation of the same oil-hydraulic components.
The provided oil-hydraulic visual software describes the same industrial valves used on oil-hydraulic trainers mod. HPT/EV, mod. HST/EV and mod. KMO/EV.



The systems includes the following elements:
- Oil-hydraulics power unit
- Plexiglas industrial-type valves
- Connections with flexible hoses and quick acting couplings
- Direction of flow indicated by air introduction

TRAINING PROGRAM:

- Analysis of the operation of the provided oil-hydraulic components

TECHNICAL SPECIFICATIONS:

Oil-hydraulics power unit
- Max. pressure: 10 bar
- Max. flow: 0.5 l/min
- Pressure gauge: 0÷16 bar
- Electrical motor power: 0,12 kW
- Oil content: 6 dm^3

Plexiglas industrial-kind valves
- Check valve
- Pilot-controlled check-valve
- Bidirectional adjustable throttle valve
- One-way adjustable throttle valve
- One-way flow control valve
- Pressure relief valve, direct-acting control
- Pressure relief valve, indirect control
- Sequence valve, indirect control
- 4/2 directional control valve with lever control
- 4/3 directional control valve with lever control
- Double-acting cylinder with cushions
- 6 flexible hoses with quick acting couplings of variable length

Power Supply: 230 Vac 50 Hz single-phase
(Other voltage and frequency on request)
Dimensions: 150 x 60 x 60 cm (operating position)
Weight: 54 kg

OPTIONAL

SUPPLEMENTARY TRANSPARENT OIL-HYDRAULIC COMPONENTS - Mod. STC/EV
- Reversible gear motor
- Oscillating motor
- Membrane accumulator
- Pressure switch
- Proportional solenoid valve
- Electronic flow control for solenoid valve
- Power supply for electronic motor: 230 V – 50/60 Hz / 24 Vdc; (115 V / 24 Vdc on request)

SUGGESTED SOFTWARE:
- Design, simulation and animation software for the study of hydraulics and electro-hydraulics mod. SW-HYD/EV

OR AS AN ALTERNATIVE:
- Design, simulation and animation software for the study of electro-pneumatics & electro oil-hydraulics mod. SW-FLU/EV
- Design, simulation and animation software for industrial automation mod. SW-CAI/EV

SUPPLIED WITH

THEORETICAL-EXPERIMENTAL HANDBOOK