

General description

The automotive damper assembly machine has been specifically designed to allow Gas filled dampers to be assembled under semi-automatic control. The assembly rig is an ideal tool for batch sizes up to 500 / day

A wide variety of stroke, bore, fluid volume and gas pressures can be catered for with very easy change over between damper sizes.

The unit is self contained and only requires electrical power, pneumatic power and a Nitrogen bottle



Each Bore and rod size requires a specific adapter, the stroke length is then set and the oil volume required adjusted on the positive displacement metering unit. Gas pressure is set on the digital pressure sensor, and the first unit can then be fitted for assembly.

	Technical data
Maximum Gas pressure Bar	25 Bar
Filling Temperature limits ° C	40 Deg C
Hydraulic fluid	Damper fluid
Viscosity range	5 cSt - 32 cSt
Weight	500 Kg
Electrical Data	
Power	240 VAC 50 Hz 15 Amps
Air Pressure	7 Bar
Nitrogen Bottle	With Reducer required (To suit customer)