NAUGRA®

Product name:	Product code:
Hydraulic Hose Pressure Impulse Fatigue Test Bench	CMI-IND-0406



Description

Pulsating pressure test bench that cycles hydraulic hoses and assemblies between set pressures at high temperature until failure. Used by hose manufacturers and automotive brake and power steering line suppliers.

Technical specification

Cycle counter	Preset 0 to 9,999,999
Pressure sensor accuracy	+/- 0.5 percent FS
Standards	SAE J343, ISO 6803, ISO 1436
Power	415 V, 3 phase, 50 Hz, 7.5 kW

Standard Accessories

- Hose end fittings set
- Hydraulic oil first fill
- Spare pressure transducer

Hose assemblies are filled with hydraulic oil and subjected to repeated pressure impulses with a programmable waveform and oil temperature up to 120 deg C. A cycle counter stops each station on leakage, so cycle life can be compared across hose constructions and fitting designs.

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Features

- Four independent hose stations with leak detection cut-off
- Programmable waveform with adjustable rise rate and dwell
- Heated oil circuit with PID temperature control
- Burst pressure test function up to maximum rated pressure
- Safety shield and pressure relief valve on every station

Technical Specifications

Number of stations	4
Impulse pressure range	10 to 700 bar
Frequency	0.5 to 1.2 Hz
Oil temperature	Ambient to 120 deg C