

DPE-02

Dynamic Pressure Exciter



Advantages

- Realization of all automatic calibrations according to own test regime (up to 1 shock/s)
- User-friendly and efficient
- Upgradeable to a shock acceleration calibration device

Features

- Pressure amplitudes from **2 MPa to 420 Mpa** with pulse duration less than 2 ms
- Create test descriptions in which a calibration run is performed fully automated using the SPEKTRA CS18 Software

Application

- Generates pressure shock impulses with low pulse duration (<2 ms)

Range of use

- **Dynamic calibration** of pressure sensors
- **Dynamic tests** of pressure sensors



Via Italo Calvino 7
Lotto 1 - Edificio A13-14
20017 Rho (MI)

Tel. +39 02 36569371
info@danetech.it
www.danetech.it

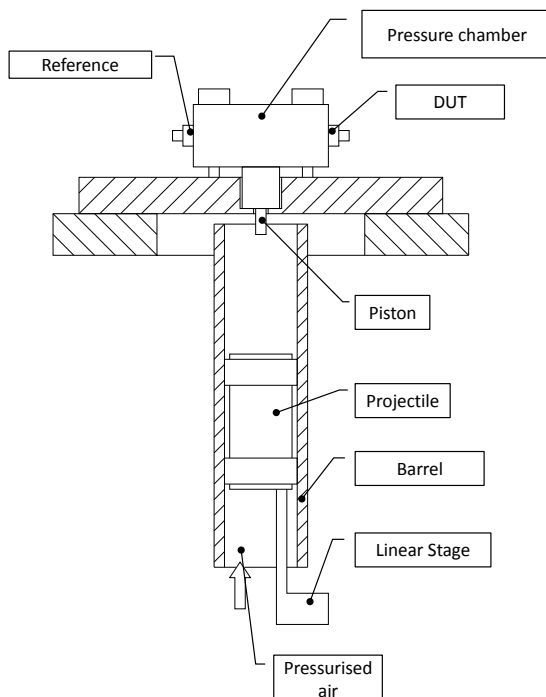
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Features	SPEKTRA Shock pressure device
amplitude	2 ... 420 MPa
pulse duration	<2 ms (depends on projectile mass)
operation	pneumatic, fully automated
Impulse form	half sine
pressure transmission	hydraulic (Oil)
upgradeable	shock acceleration

Schematic



Pulse form

