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
DPE-02
Dynamic Pressure Exciter

Features | SPEKTRA Shock pressure device
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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

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Schematic

Pulse form

Reference
Pressure chamber
DUT
Piston
Projectile
Barrel
Linear Stage
Pressurised air

Subject to change without notice

June 2018

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