

Competence creates Confidence.



• Model no. 1766

## PULSATOR

For carrying out dynamic internal pressure tests on pipes and pipe components with sinusoidal or linear pressure curves up to 400 bar.

EN 12295

DVGW W 534

DVGW W 543



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### Standard features

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|---|---|
| ● Convenient operation and clear visualisation via integrated touch display                   | ● Automatic volume compensation of the sample       |
| ● Microprocessor-controlled, self-learning pressure regulation with automatic break detection | ● Reduced energy consumption due to energy recovery |
| ● Option to recover energy stored in the system and return it to the power network            | ● Use of low-noise pressure pumps                   |
| ● CE conformity   |   |
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### Options

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- |   |   |
|---|---|
| ● Second pressure transducer with different test medium | ● Data input, evaluation and documenting of testing data via IPTDataLogging software (PC) |
|---|---|
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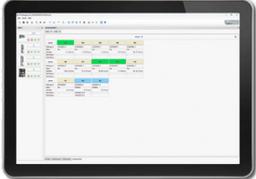


V1766-0001

**Version Model no 1766 PULSATOR**

|                                       |       |   |
|---------------------------------------|-------|---|
| Pressure range                        | bar   | 10 to 400   |
| Rate of pressure increase             | bar/s | 0.1 to max. 40<br>(dependent on specimen)             |
| Pressure regulation                   |       | Servo-hydraulic power                                 |
| Pressure transducer                   | bar   | 600   |
| Accuracy of pressure transducer       |       | 0.5% of the final value<br>of the pressure transducer |
| Max. flow rate of pressure transducer | l     | 0.5   |
| Frequency                             | Hz    | 0.01 to 0.5   |
| Amplitude                             |       | ±10% of test pressure                                 |
| Shape of curve                        |       | Sine, trapezoid, triangular                           |
| Number of cycles                      |       | Adjustable between 1 and 99999999                     |
| CE conformity                         |       | √   |
| Permissible ambient temperature       | °C    | +5 to +30   |
| Permissible relative humidity         |       | Max. 70%, non-condensing                              |
| Noise emission                        | dB(A) | <70   |
| Width                                 | mm    | 2500  |
| Depth                                 | mm    | 1150  |
| Height                                | mm    | 1940  |
| Weight                                | kg    | 1100 (without oil), 1350 (with oil)                   |
| Voltage data                          |       | 230/400 V, 50 Hz<br>Special voltage on request        |

**Accessories PULSATOR**

| Product   | Description  | Model no.                              |
|---|--|--|
|    | <p>Test tank<br/>(with safety technology, special version)</p> | <p>1725 – 1757<br/>1830</p>            |
|    | <p>Test oven</p>   | <p>1662<br/>1674<br/>1776</p>          |
|   | <p>End closures</p>  | <p>1685<br/>1732<br/>1784<br/>1810</p> |
|  | <p>Testing data management software<br/>lptDataLogging®</p>    | <p>1780</p>                            |