

# OPVIBR

## Ultrasonic vibration measurement system

### Ultrasonic vibrometer

[www.optel.eu](http://www.optel.eu)

OPVIBR is vibrometer used to study vibrations occurring in many areas of life - in the diagnosis of drives of machinery or measurements of vibration impacting on humans and the vibration, the source of which is a man.



The device provides a non-contact vibration measurement that does not affect at the tested object.

The instrument is used in the research of components of engines, pumps, gears, bearings, fans and other rotating machinery.

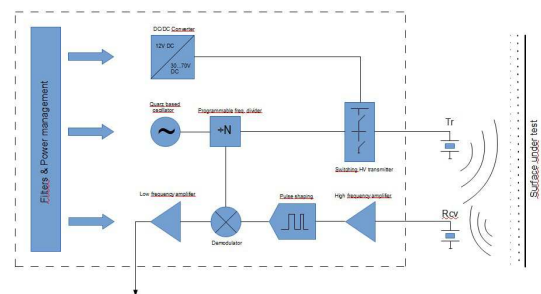
Advanced software of vibrometer enables a quick and convenient signal processing.

#### Specification:

The frequency range of transmitted wave:	30kHz-800kHz
The amplitude of the transmitted wave:	max. 70Vpp
Output voltage range:	0-5V
The frequency range of vibration:	1Hz - 30kHz
The minimum measurable amplitude of the vibration:	<1 $\mu$ m pp



Measurement system



Block diagram of device