



### Refractometers

Refractometers for regular checking the correct mixing ratio of coolants. A correct proportion is very important.

- Measuring range: 0-32% Brix.
- Graduation: 0.1 or 0.2% Brix.
- Accuracy:  $\pm 0.2\%$ .
- Adjustable eyepiece.
- Adjustment screw for zero setting (protected by rubber cap).
- Rubber eye adapter.
- Ergonomic design.
- Weight: 200 g.
- Delivery in a case incl. cleaning cloth, screwdriver, bottle with distilled water (for calibration), pipette.



| Item No. | Meas. range % Brix | Graduation % Brix | Price EUR |
|----------|--------------------|-------------------|-----------|
| 909.090  | 0-10               | 0.1               |           |
| 909.079  | 0-32               | 0.2               |           |



### Telescopic mirror/magnet

- Adhesive force magnet: 5 N.
- Max. length (extended length): 480 mm.



| Item No. | Description              | Price EUR |
|----------|--------------------------|-----------|
| 909.343  | Telescopic mirror        |           |
| 909.344  | Telescopic magnet lifter |           |

### Sonarscope

For tracing mechanical problems by means of sound.



| Item No. | Description | Price EUR |
|----------|-------------|-----------|
| 909.418  | Sonarscope  |           |

## Digital vibration tester

Instrument with external sensor for quick checking of unbalance, misalignment, bearings and gears. For measuring velocity, acceleration, displacement and frequency.

### Measuring range

- Velocity: 0.01 - 40 cm/s (RMS, at frequency 10 Hz - 1 kHz).
- Acceleration: 0.1 - 400 m/s<sup>2</sup> (peak value, at frequency 10 Hz - 1 kHz or 10 Hz - 10 kHz).
- Displacement: 0.001 - 4.0 mm (P-P, at frequency 10 - 500 Hz).
- Frequency: 0.1 - 20 kHz.

### Further specifications

- Accuracy: ±5% + 2 digits.
- mm/inch conversion.
- RS232C data output.
- Operating temperature: 0 to 50°C.
- Dimensions: 125 x 62 x 31 mm.
- Weight: 255 g.
- Delivery in a case, incl. magnet and 2 attachments.
- Power supply: 4 batteries type AAA.



| Item No. | Description      |
|----------|------------------|
| 909.065  | Vibration tester |

### Options:

497.914 Spare battery (4 needed)

909.074 RS232C cable and software

## Digital sound level meter

Instrument for measuring the sound level.

- Measuring range: 30 - 130 dB.
- Resolution: 0.1 dB.
- Accuracy: ±1.5 dB.
- Frequency weighting: A and C.
- Frequency range: 31.5 Hz - 8.5 kHz.
- Measuring frequency: 2 times per second.
- Time weighting: fast/slow.
- The current measured value within the range of 50 dB is graphically displayed (adjustable).
- Over range indication.
- Automatic switch-off.
- Max function.
- Dimensions: 207 x 70 x 29 mm.
- Weight: 178 g.
- Delivery in a case.
- Power supply: 1 battery type PP3 (9 V).



| Item No. | Measuring range/dB |
|----------|--------------------|
| 909.131  | 30 - 130           |

### Option:

495.161 Spare battery