



Measuring device for qualifying ultrasonic baths.

# Elmasense Cavichек





Elmasense Cavicheck

# Real measurement data – not subjective guesswork.



Elmasense Cavicheck is a compact measuring device for qualifying cavitation in ultrasonic baths. The Cavicheck Lifter is used to position the Elmasense Cavicheck securely in the ultrasonic bath. The measurement then runs automatically. The Elmasense Cavicheck uses ultrasonic energy as its energy source. An LED display shows the current cavitation power. The measured data can be analysed and documented via our digital portal, the "Elma Hub".

## Measure, don't just test.

Process reliability through equipment qualification based on real measurement data in accordance with IEC/TS 63001.

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## National and international standards.

Compliance through measurement, analysis and documentation in line with national and international standards (e.g. VDA 19.1).

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## Sustainable.

No battery required, as ultrasonic energy is used as the energy source. Greater sustainability by avoiding single-use applications.

Elma

Elmasense  
Cavicheck

Green light.

Cavitation performance is sufficient.



## Scope of delivery / system components:

### Elmasense Cavicheck (single sales unit):

Art. No. 1113882

- Elmasense Cavicheck
- Microfibre cloth
- Magnetic folding box for safe transport

### Elmasense Cavicheck Set:

Art. No. 1144463

- Elmasense Cavicheck
- Microfibre cloth
- Magnetic folding box for safe transport
- Cavicheck Lifter
- Cavicheck Fixator Single 30–300

## Technical data:

Technical description	Einheit	
Max. external dimensions Ø/H	mm	72/71
Weight	g	175
Ultrasonic frequency	kHz	25 – 50
Uncertainty of measurement	dB	± 1,5
Allowable operating temperature	°C	+20 – +65
Degree of protection	IP	68
Interface		NFC (Near Field Communication)
Recommended calibration interval		1 year or 100 operating hours
Temperature (transport)	°C	-15 – +60
Temperature (storage)	°C	+5 – +40

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# Connect easily, document with confidence.

Wireless connectivity between Elmasense Cavicheck and the “Elma Hub” digital portal makes it easy to transfer measured data – via NFC – for analysis and permanent documentation. In addition, you can generate a certificate confirming the measurement results with just one click.

Register now:



Accessories:

### Cavicheck Lifter

Art. No. 1134812



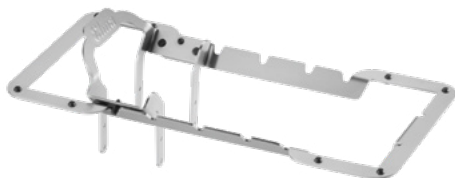
### Cavicheck Fixator Single 30–300

Art. No. 1142215



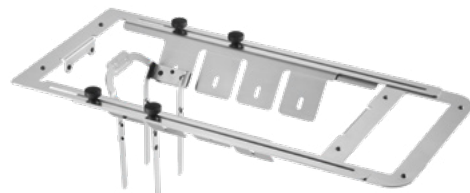
### Cavicheck Fixator Multi 30–300

Art. No. 1142587



### Cavicheck Fixator Multi 300–2500

Art. No. 1142991





Cavitation bubbles form a crystal-like structure  
in the ultrasonic bath –  
the power of precise cleaning becomes visible.



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