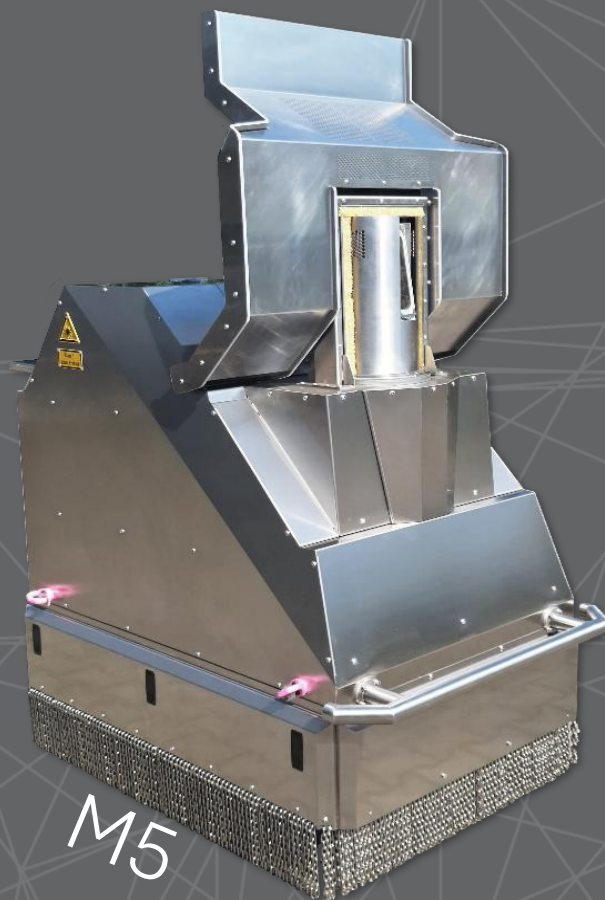


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LaCam[®]

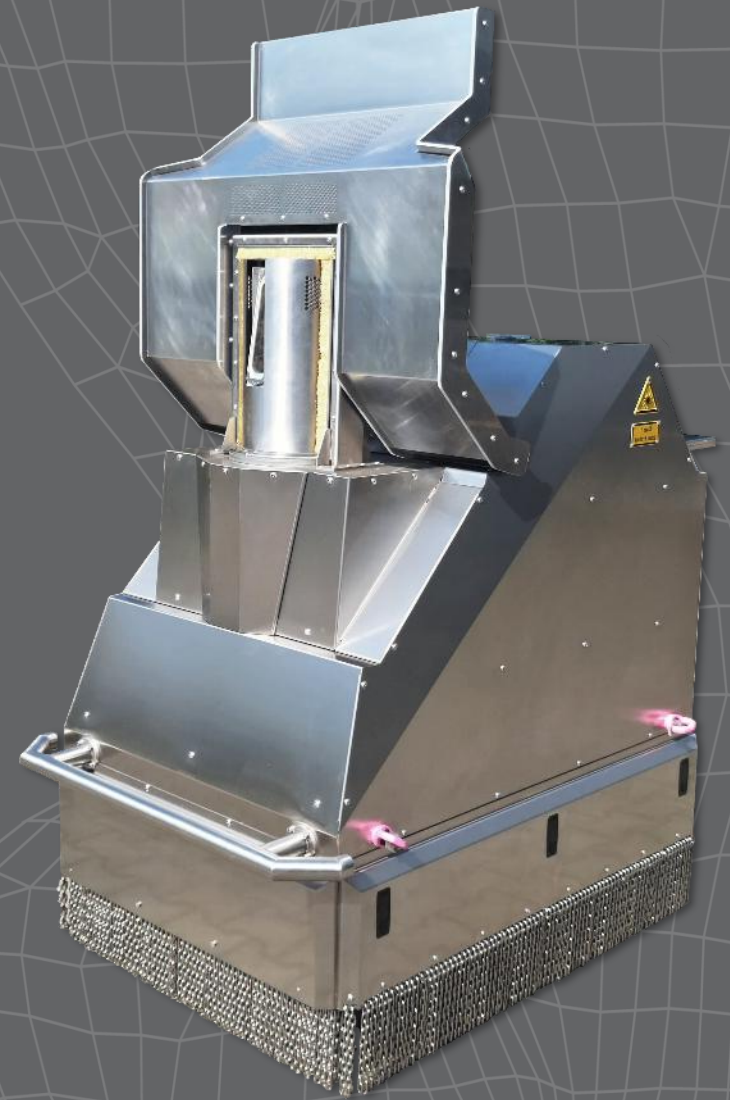
MOBILE DEVICES



This 5th generation **LaCam® mobile** laser profile measurement systems is used for non-contact scanning of refractory lining in converters and ladles.

Motorized mobile and battery (re-chargeable) operated. Remote display by tablet.

Highly flexible for visualization of high wear areas, optimization of brick lining and maintenance, tendency analysis and forecast of vessel lining life, bath level assessment, and more.



M5

- The Best-Rated device in its Class
- **e**-drive with Remote Control
- Latest Advanced 5th Generation Laser
- Powerful software on board
- Software via Tablet Control



MOBILE VERSION M5 – IMPRESSIONS FROM THE FIELD I

MINTEQ





Chassis frame	Stainless Steel
Size	
Movement	930 x 1600 x 1500 mm (W x H x D)
Measurement with shield dome	930 x 1910 x 1500 mm (W x H x D)
E-Drive	Motor controlled front wheels
Power supply	Battery unit buffered for line free operation (measurement up to 180 minutes, driving up to 2 km, combination of both will reduce performance time)
	 A power supply controller ensures a safety shutdown in case of low battery.
	Depending on the charge status of the batteries and the ambient temperature, recharging the batteries takes only 2-3 hours.



MOBILE VERSION M5 – TECHNICAL DETAILS II

MiNTEQ

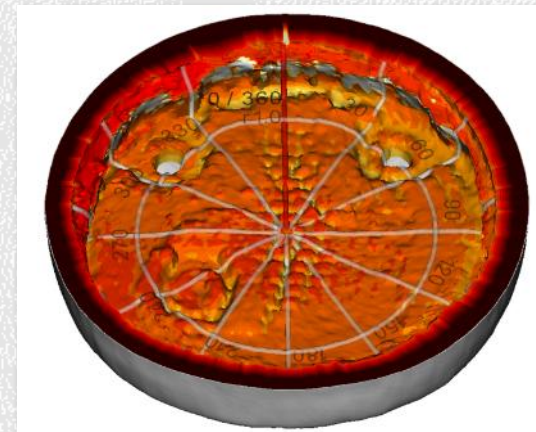
Cooling	cooled by air fan
Remote control	1x e-drive remote-control for movement 1x Tablet PC for remote measurement
Operating system	latest Windows® version
Unit weight	630kg
Transport dimension (Wooden crate)	2000 x 1100 x 2100 mm (W x H x D)
Transport weight	approx. 700 kg



The integrated 2-channel **pyrometer** with passive infrared-receiver is co-aligned with the laser-beam for distance measurement.

The infrared radiation emitted by the target surface is measured and gives a accurate representation of the surface temperature.

Within one scan, the geometry and the temperature information can be recorded for a full vessel.

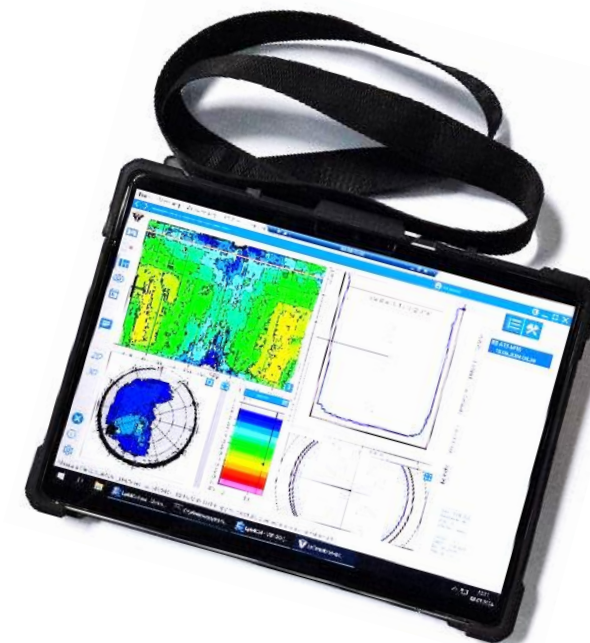


To control (move) the M5 unit and operate the internal measuring computer with LaCam 3D software, the **standard** scope of supply includes two remote controls.



REMOTE CONTROL e-drive

- movement of the M5 unit

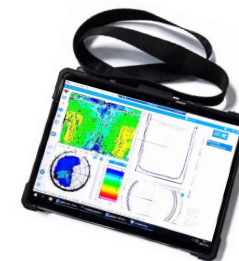


TABLET PC

- remote measurement operation

MOBILE VERSION M5 – REMOTE CONTROL

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TABLET PC

- Remote measurement operation



REMOTE CONTROL for e-drive

- For movement of the M5 unit

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