



## DISPLAYS: Hourmeters

# MOTOMETER

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### Mechanic Hourmeters

Hourmeters are used in vehicles and machines to record the effective running time.

MOTOMETER hourmeters are available in different versions. Concentric minute displays with a 5-digit hour gauge are available, as are pure roller registers with one

decimal place in a round or rectangular design, along with versions that have a LCD-display. The running times of the machines when the motor is switched on are recorded accurately and reliably.

Part No.	Ø mm	Voltage	Depiction	Dial	Pointer	Front ring	Special feature
643 003 1001	52	12 – 80 V	Number drum	black	red	chrom	analogue minutes counter with damping ring
643 003 1005	52	12 – 80 V	Number drum	black	red	black	analogue minutes counter
643 003 1006	52	12 – 80 V	Number drum	black	without	black	running display
643 003 1007	60	12 – 80 V	Number drum	black	without	black	running display
643 003 1011	60	12 – 80 V	Number drum	black	red	chrom	analogue minutes counter with damping ring
643 003 1013	60	12 – 80 V	Number drum	black	red	black	analogue minutes counter with damping ring
643 003 1018	60	12 – 80 V	Number drum	black	red	black	analogue minutes counter
643 010 1002	36x22	10 – 50 V	Number drum		without		rectangular

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### Elektronic Hourmeters

The electronic hourmeter with LCD-display from MOTOMETER is an absolutely reliable instrument for the survey of machinery operating hours. The attractive design in connection with the first-class MOTOMETER quality enables the application in several fields.

The hourmeter is designed for operation in construction machines, agricultural vehicles, special vehicles, municipal vehicles and stationary engines.

The electronic hourmeter is equipped with a 7-digit, high-contrast LCD-module and designed for an operating temperature from -30 °C to +80 °C. The digits are 7 mm high.

The plastic housing is rugged and of compact design, and fulfils the protection type IP65.

The mounting on the machine or on a vehicle is done by a locking tension spring. The electric connections are effected by 4 plug-in AMP junctions 6.3 x 0.8 mm, 90° offset.

Operating hours are stored in a non-volatile memory (EEPROM). A reset of the operating hours is not possible, neither manually nor in an electrical way.

The maximum current consumption is 4 mA.

All data subject to technical changes.

Part No.	Ø mm	Voltage	Depiction	Dial	Pointer	Front ring	Special feature
643 004 1001	52	12 – 24 V	Digital display	black	without	black	LCD panel

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