

SparkView

High Voltage Indicator up to 50 kV



Ignition Tools & Test Equipment

SparkView

MOTORTECH HIGH VOLTAGE INDICATOR

With the portable indicator SparkView from MOTORTECH, the high voltage demand of spark plugs can be easily and conveniently measured and visualized while the engine is running. In combination with the SparkScan1 high voltage clamp connected to the SparkView or a special measuring cable and the display up to 50 kV, the condition of the ignition system and especially of the spark plugs can be easily determined and the changeover time can be optimally specified.

Regular measurements thus contribute to maximum utilization of the spark plugs as well as reducing maintenance costs and high system availability.

During operation quick and easy check

- of spark plug wear and determination of the optimum time for changing
- of the ignition system (defective ignition coil, ignition cable, failure of one ignition channel, etc.)



Features

- Suitable for industrial gas engines operated with negative ignition voltages
- Adjustable measuring range
 - 0 to 25 kV, resolution 0.625 kV
 - 0 to 50 kV, resolution 1.25 kV
- Measurement of the high voltage with
 - the capacitive SparkScan1 high voltage clamp
 - a measuring cable directly at a MOTORTECH ignition coil with diagnostic interface
- Maximum pulse frequency 60 Hz (corresponds to 7,200 rpm for a four-stroke engine)
- 3-color LED scale with adjustable color ranges
- 2 brightness levels for working outdoors or in closed rooms
- Display of maximum value
- Battery level indication
- Automatic switch-off when not in use
- Operation with 3 Mignon batteries, type AA
- High quality plastic housing, shock protected
- Available as a set in a practical plastic case in 2 versions



Overview

- 1 BNC connector for connection of measuring clamp or cable
- 2 LED scale with adjustable color ranges
 - RED
 - YELLOW
 - GREEN
- 3 Adjustment keys for lower value of the red range
- 4 Adjustment keys for lower value of the yellow range
- 5 Key for
 - displaying the maximum value
 - adjusting the brightness
 - setting the measuring ranges



SparkScan1
MOTORTECH HIGH VOLTAGE CLAMP

SparkScan1 High Voltage Clamp

With the capacitive measuring clamp SparkScan1, the high voltage is measured on unshielded spark plug leads and visualized via the SparkView.

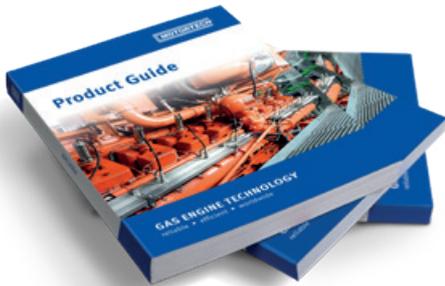


Ordering Information

P/N	Figure	Description
06.90.099-150	1	SparkView high voltage indicator, incl. SparkScan1 high voltage clamp P/N 06.90.100, for use with spark plug leads
06.90.099-155	2	SparkView high voltage indicator, incl. BNC cable P/N 06.90.105, for use with flange ignition coils or externally mounted ignition coils with diagnostic interface



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MOTORTECH GmbH

Hogrevestr. 21-23
29223 Celle
Germany
Phone: +49 (5141) 93 99 0
Fax: +49 (5141) 93 99 99
www.motortech.de
sales@motortech.de

MOTORTECH Americas, LLC

1400 Dealers Avenue, Suite A
New Orleans, LA 70123
USA
Phone: +1 (504) 355 4212
Fax: +1 (504) 355 4217
www.motortechamericas.com
info@motortechamericas.com

MOTORTECH Shanghai Co. Ltd.

Room 1018 Enterprise Square,
No. 228 Meiyuan Road,
Jing'An District, 200070 Shanghai
China
Phone: +86 (21) 6380 7338
www.motortechshanghai.com
info@motortechshanghai.com

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