

VOLTCRAFT

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For decades, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

BS-840 HD **10.9 cm (4.3") HD Borescope** **with 3.9 mm Camera**

CE

Item no: 3553225

This product is a borescope. Use the product to perform optical troubleshooting and inspection on powered-down systems and facilities.



FEATURES

HD 1MP camera resolution (1280 x 720 pixels) //
10.9 cm (4.3") TFT-LCD display with 800 x 480 pixels resolution //
Long battery life approx. 2.5 hours continuous use // Image storage support via Micro SD Card //
3.9 mm diameter camera head (IP67 protection for head and tube) // 1m Camera tube length //
6 adjustable LEDs for Low-light illumination, brightness 580 lux $\pm$ 150 lux (at a distance of 35 mm) //
USB Type C port for connecting K-type thermocouple

TECHNICAL DATA

Main unit

Operating voltage	4 × 1.5 V AA batteries (not included)
Current consumption	max. 400 mA
Battery life	approx. 2.5 hours continuous use
Auto power off	5 minutes / 10 minutes / 20 minutes (selectable)
Display type	10.9 cm (4.3") TFT-LCD
Display resolution	800 x 480 pixels
Digital display rotation	0–360°
IP rating	IP67 (camera head and tube)
Video format	AVI
Photo format	JPG
Frame rate	25 fps
Digital zoom	1x, 2x, 3x
Image storage	Micro SD card support (up to 128 GB)
Operating temperature	0 to +45 °C
Operating humidity	<85 % RH
Storage temperature	0 to +45 °C
Storage humidity	<85 % RH
Dimensions (W × H × D)	236.5 × 117 × 78.4 mm
Weight	approx. 360 g

Gooseneck camera

Camera head diameter	3.9 mm
Camera resolution	1280 × 720 pixels (1 MP)
Sensor	1/9" HD CMOS sensor
Camera tube length	1 m
Field of view	80°
Camera focus range	20 - 80 mm
Minimum bend radius	45 mm
LED	6 adjustable LEDs
LED brightness	580 lux $\pm$ 150 lux (at a distance of 35 mm)
White balance	automatic
Exposure	automatic

Video recording	yes
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Suitable thermocouples

K-Type thermocouple measurement range	-200 °C to +1350 °C
K-Type thermocouple measurement accuracy	-200 °C to +700 °C: ± 2 °C; +700 °C to +1350 °C: ± 4 °C

CONTENTS

Main unit // Gooseneck camera // USB-C® cable // USB-C® to Type-K adapter // Storage case // Operating instructions

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