

VOLTCRAFT

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

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-800 HD **88.9 mm (3.5") HD Borescope** **with 5.5 mm Camera**

CE

Item no: 3553223

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) //
88.9 mm (3.5") TFT-LCD display with 640 x 480 pixels resolution //
Long battery life approx. 3.5 hours continuous use // Image storage support via Micro SD Card //
5.5 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. 3.5 hours continuous use
Auto power off	5 minutes / 10 minutes / 20 minutes (selectable)
Display type	88.9 mm (3.5") TFT-LCD
Display resolution	640 × 480 pixels
Digital display rotation	0–180°
IP rating	IP67 (camera head and tube)
Video recording	yes
Video format	AVI
Photo format	JPG
Frame rate	25 fps
Digital zoom	1×, 2×, 3×
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)	184.7 × 91.3 × 129.4 mm
Weight	approx. 370 g

Gooseneck camera

Camera head diameter	5.5 mm
Camera resolution	1280 × 720 pixels (1 MP)
Sensor	1/9" HD CMOS sensor
Camera tube length	1 m
Field of view	68°
Camera focus range	35 – 60 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
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 // Hook // Mirror // Magnet // USB-C® cable // USB-C® to Type-K adapter // Storage case // Operating instructions

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