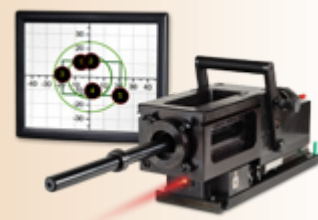


# VC 4043 velocity measurement computer



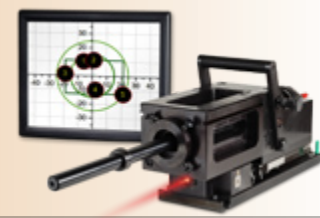
- **Microprocessor-controlled velocity measurement**
- **Statistical evaluation function such as mean value, minimum, maximum and standard deviation**
- **Optional connection to a PC is possible**

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*Ballistics*

# VC 4043 velocity measurement computer



The VC 4043 microprocessor-controlled velocity measurement computer determines the speed of a fast-moving object.

Light screens or other devices with impulse input are generally used as sensors.

Statistical evaluation functions calculate the mean value, minimum speed, maximum speed and standard deviation.

The VC 4043 velocity measurement computer allows direct connection of the LS 11 light screen.

The LS 23 light screen or any other commercially available device can be connected via the impulse input.

Data is also made available to a serial interface.

Results can be called up, displayed and archived using the optional software.

Printable test protocols simplify quality control of the test objects.

## Technical data

### Model

VC 4043-08

VC 4043-09

#### Electrical

Supply voltage	230 V ±10%, 40 to 60 Hz	
Power consumption	approx. 200 mA	
RS 232	•	•
RS 485	Option	Option

#### Environmental conditions

Operating temperature	-10 to +50 °C	
Air humidity	≤ 80%, non-condensing	

#### Measuring channel

Number of channels	1	2
Trigger inputs	2	4
Clock rate	5 MHz	
Time resolution	±200 ns	
Measurement time	999 ms	
Trigger impulse	+6 to +30 V	

#### Overall dimensions

Length	240 mm	
Width	360 mm	
Height	140 mm	
Weight	approx. 5.6 kg	

#### for use with

LS 11 light screen	
LS 23 light screen	
LS 66 light screen	

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