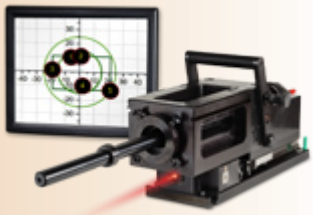
VC 4043 velocity measurement computer



- ***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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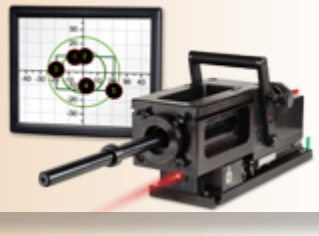

The VC 4043 microprocessor-controlled velocity measurement computer determines the speed of a fast-moving object.

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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