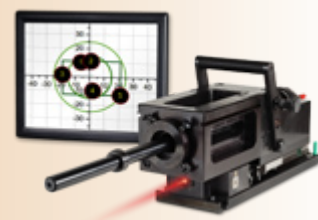


RC 4083 rate of fire computer



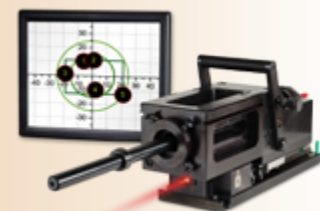
- **Microprocessor-controlled measurement of rate of fire**
- **Statistical evaluation function such as mean value, minimum, maximum and standard deviation**
- **Optional connection to a PC is possible**

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DRELO
Ballistics

RC 4083 rate of fire computer



The RC 4083 microprocessor-controlled rate of fire computer determines the rate of fire of a fully automatic weapon.

The number of shots and the time intervals between the shots are determined and stored.

Statistical evaluation functions calculate the mean value, minimum rate of fire, maximum rate of fire and standard deviation.

The RC 4083 rate of fire computer allows direct connection of the MBS 403 muzzle blast sensor or the MFS 607 muzzle flash sensor.

The LS 11 and LS 23 light screens or any other commercially available sensor 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

RC 4083

Electrical

Supply voltage	230 V \pm 10%, 40 to 60 Hz
Power consumption	approx. 150 mA
RS 232	•
RS 485	Option

Environmental conditions

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

Measuring channel

Number of channels	1
Trigger inputs	1
Clock rate	5 MHz
Time resolution	1 μ s
Rate of fire	6 to 10000 per minute
Trigger impulse	+6 to +30 V

Overall dimensions

Length	240 mm
Width	360 mm
Height	140 mm
Weight	approx. 4 kg

for use with

LS 11 light screen	
LS 23 light screen	
Series 400 muzzle blast sensor	
Series 600 muzzle flash sensor	

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