

Series 1069 firing unit



- **Safe remote triggering of ammunition testing devices and magnetic triggering for original weapons**
- **Two separate safety circuits**
- **Key-switch for enabling the firing button**
- **Status signals by coloured indicator lights**
- **Special models for electrical ignition of ammunition**
- **Special models for electrical detonators**

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DRELO
Ballistics

Series 1069 firing unit



The FU 1069-1 firing unit is used for safe triggering of ammunition testing devices and for magnetic firing for original weapons.

All devices have 2 separate safety circuits: a key switch that is opened in rest state and a passive electrical safety circuit.

For example, access doors can be secured by door contacts using the safety circuit.

Both safety circuits must be closed in order to fire a shot.

Two indicator lights display the current state of the system. The passive safety circuit and electromagnetic firing are connected to the device via a banana plug. Firing a shot is performed by simultaneously turning the key-switch and pressing the firing button.

Secure installation is ensured by fastening tabs mounted on the underside.

The fastening tabs can be replaced by rubber stands for desktop operation.

In addition to the functions of the FU 1069-1 firing unit, the FU 1069-2 special model allows firing of electrically ignited ammunition.

The ignition voltage is smoothly adjustable up to 300 V and is displayed digitally.

An external measuring device can be connected via two sockets for testing the electrical igniter. The ignition impulse can be used as a t_0 -impulse for gas pressure measurements.

The FU 1069-3 special model allows ignition of electrical detonating capsules.

Technical data

	Model		
	FU 1069-1	FU 1069-2	FU 1069-3
Electrical			
Power supply	115/230 V AC, 50 - 60 Hz		
Power, rest state	5.2 W	10 W	8 W
Power, maximum	122 W	400 W	500 W
Passive safety circuit	+ 12 V DC		
Firing, magnetic			
Sustaining voltage	40 V DC		-
Pulse voltage	200 V DC		-
Firing, electrical			
Power	-	15 W	-
Ignition voltage	-	30 - 300 V	-
Firing, detonator			
Energy	-	-	0.2 - 21 Ws
Ignition voltage	-	-	30 - 300 V
Detonator			
T15U	-	-	•
T12HU	-	-	•
Dimensions			
Length	260 mm	330 mm	330 mm
Width	160 mm	230 mm	230 mm
Height	90 mm	120 mm	120 mm
Weight	approx. 5 kg	approx. 8 kg	approx. 7 kg
for use with			
Series 1055 ammunition testing device	•	•	-
WF series weapon fixture	•	•	-

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