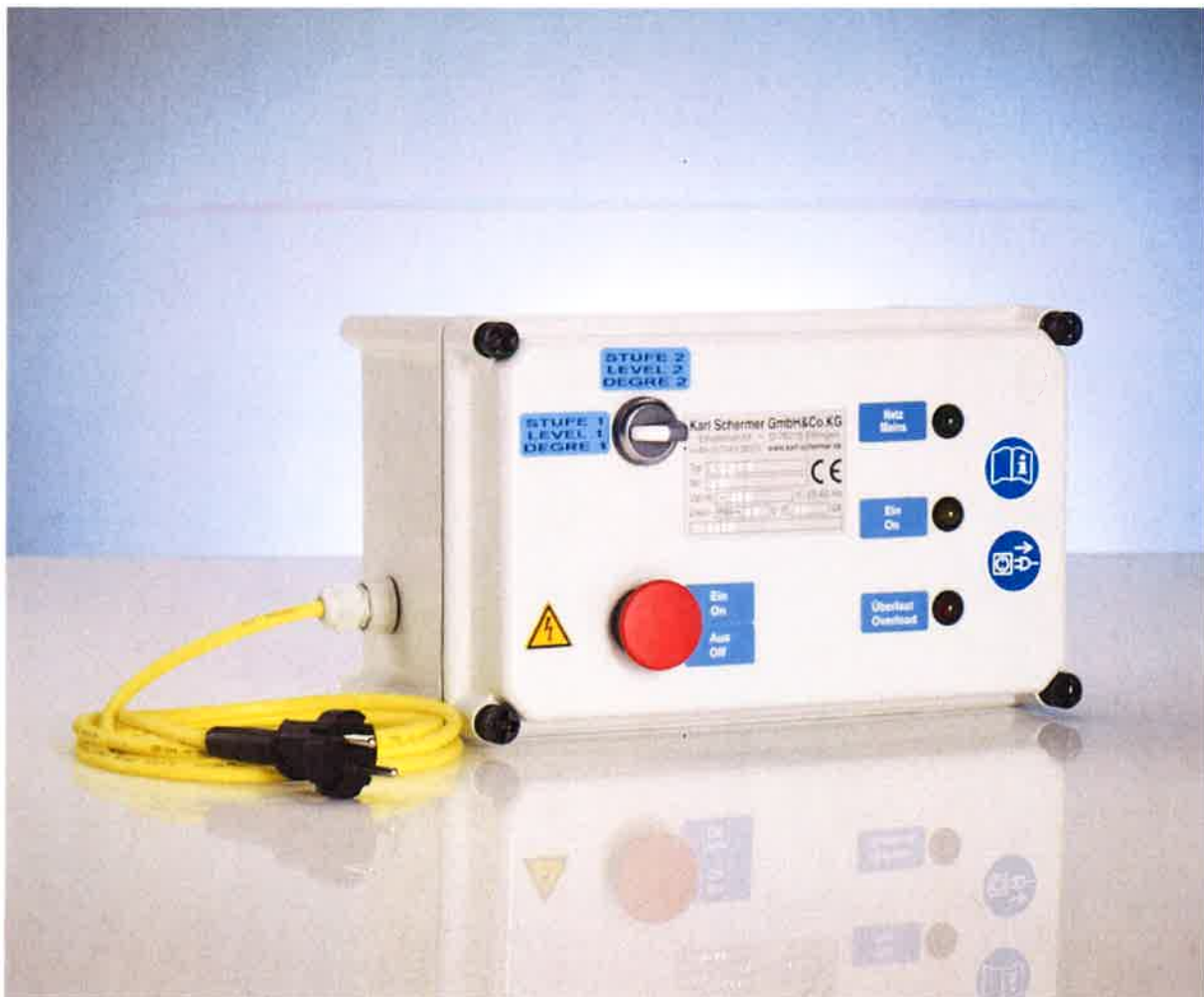




Manual
for the
SCHERMER
Immobilisation device
Type IMA-2



Manual for the Schermer

Immobilisation device IMA-2

0. Warning and user instructions

The operator has to observe national regulations and laws regarding safety and animal welfare, e.g. directive 1099/2009/EC.

Installation, putting into operation and use of the immobilisation device have to be done by proficient and instructed persons only.

Use immobilisation device for immobilisation of animals for slaughter only.

Separate immobilisation transformer from mains supply before starting any maintenance.

Do not combine part of the equipment with part of an equipment from another manufacturer, as we assume no liability for safe use in this case!

Recommendation: When sending the immobilisation equipment to manufacturer for repair or maintenance, please use the original packing material, which guarantees safe transport!

Therefore, please store carefully the packing material.

1. Introduction

The immobilisation equipment IMA-2 consist of:

- Immobilisation transformer type IMT-2
- 2 immobilisation tongs type IZ-2

Use only these parts together.

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2. Technical instruction

2.1. Immobilisation transformer IMT-2

The immobilisation transformer is built-in a splash proof plastic housing.

Control elements and signals:

- green signal LED **MAINS**: indicates readiness for operation
- yellow signal LED **ON**: immobilisation tension is switched on IZ-2
- red signal LED **OVERLOAD**: overload or overcharge
- red push button **ON/OFF**: starts or interrupts the immobilisation procedure
- selector **LEVEL 1 / LEVEL 2**: selection of the immobilisation duration
level 1 = approx.15 sec,
level 2 = approx.20 sec

2.2. Installation

By expert staff only according regulation in effort!

Mains supply: 230 V AC
Frequency: 45 – 60 Hz

2.3. Bringing into service

By expert staff only!

1. Connect the two immobilisation tongs IZ-2 to the sockets on the side of the housing of the immobilisation transformer (upper socket, plus pole - lower socket, minus pole).
2. Connect one immobilisation tongs (minus pole) e.g. to the landing grate.
3. Connect immobilisation transformer to mains. Green LED **MAINS** flashes. immobilisation device is ready for use. Red LED **OVERLOAD** flashes in case of overload, it will lapse after fixing the cause of the malfunction.
Safety fuse (500mA, delay-action) inside the device has to be checked, if green LED does not shine if immobilisation transformer is connected to mains supply. Open device and change the safety fuse against attached replacement one.

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2.4. Cleaning and maintenance work

By expert staff only!

Clean immobilisation device IMA-2 after use and check it for any damages.
Store it in a dry area.

Important: Do not use high pressure for cleaning.
Use neutral cleanser only.

Change immediately defective or worn out parts to guarantee a safe use.
Use original spares only.
Maintenance work on the electronic should only be done by the manufacturer.

3. Operation instruction

Important: Immobilisation tongs IZ-2 have to be free from tension when they are connected to the animal. Yellow LED may not shine.

Connect one immobilisation tongs (minus pole) e.g. to the landing grate.
Two different immobilisation durations can be selected, level 1 (approx.. 15 sec) or level 2 (approx.. 20 sec).

Connect one immobilisation tongs e.g. to the muzzle of the animal for slaughter.

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3.1. Immobilisation

Attention: The immobilisation tension is switched on IZ-2-K after pressing push button ON/OFF. Excitations of the animal may occur. Keep away from the danger zone

Choose the duration of the immobilisation time by putting selector to LEVEL 1 (15 sec) or LEVEL 2 (20 sec). Other durations can be set after consultation with the manufacturer.

Place one the immobilisation tongs e.g. to the muzzle of the animal for slaughter, press the red push button ON/OFF, the yellow LED ON indicates the current flow. The immobilisation device cuts off automatically the immobilisation tension at the end of the selected duration. The yellow LED lapses and you can remove the immobilisation tongs from the muzzle.

You may interrupt the immobilisation process by pressing the red push button ON/OFF.

4. Technical Data

Measurements:	360 x 190 x 210 mm (B x H x D)
Weigt:	approx. 2,5 kg
Mains supply:	230 VAC
Mains frequency:	45 - 60 Hz
Immobilisation tension:	max. ca. 60 V
Immobilisation frequency:	max. ca. 100 Hz
Duration of immobilisation:	Level 1: max. approx. 50 sec Level 2: max. approx. 100 sec
Duty ratio:	70%