

BAUR SA

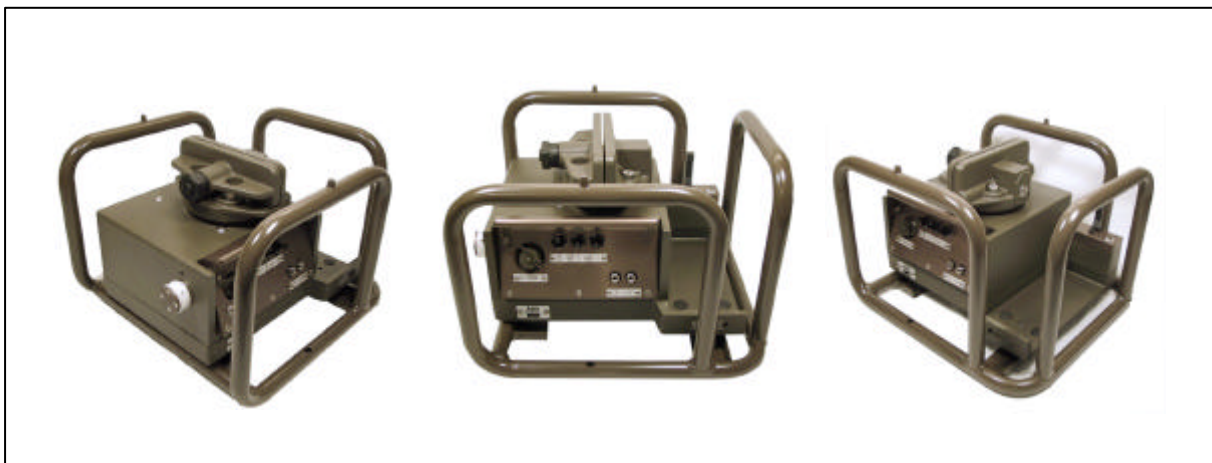
Corniche 9
CH-2024 St-Aubin-Sauges
Switzerland

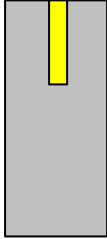
Tél. +41 (0)32 835 16 55
Fax +41 (0)32 835 34 69
E-mail baur@swissonline.ch

Rotating target " CP91 "

Description

- Low weight, small infantry rotating target that can be remotely controlled by radio and/or cable
- Different friend-enemy target image types/sizes can be mounted on the rotating arm
- Hits are recorded and transmitted to different peripherals for further use and/or control (CRC, PC, etc.)
- Modular design
- Target placed in the terrain needs to be protected against direct hits (Special armour plating available on request).
- Target is powered by a nickel-cadmium rechargeable battery (NiCd)
- Target is remote controlled by radio:
 - Data are transmitted by radio in the "Sender/Receiver Duplex mode"
- Target is remote controlled by cable:
 - Data are transmitted via current loop (2 wires)
- Each target is identified by a unique address
- Different types of command are provided
- Specific target parameters can be modified by configuration software (PC based)
- Targets are equipped with special cartridge (silica gel) to prevent formation of internal condensation





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Technical Specifications

- **Size L x W x H (mm)** 330 x 310 x 230 mm
 - **Weight (kg)**
 - Target 12.5 kg
 - Target with battery 16.0 kg
 - **Power supply** NiCd battery 12V/7Ah
 - **Protection grade** IP 65
 - **Temperature range**
 - Operating -20 °C to + 60 °C
 - Storage -35 °C to + 75 °C
 - **Mechanical specification**
 - Friend, Enemy side 0.4 sec. with image 11/12/15
 - Full cycle 0.9 sec. with image 11/12/15
 - Autonomy at 20°C image 11 app. 2'500 cycle
image 12/15 app. 3'500 cycle
 - **Detection sensitivity** Three predefined ranges are switch selectable
(type of ammunition, material use for the figure, etc.)
 - **Ammunition** 5.56 mm, 7.62 mm, 9.00 mm, 12.7 mm
 - **Construction** Aluminium cast
Electronic components are shielded within specially treated containers (iridite)
 - **Electrical specifications** Controlled by microprocessor
Self-test at power on
 - **Radio module** Sender and receiver
 - Frequency range VHF 136 – 174 MHz (2.00 m band)
UHF 403 – 470 MHz (0.70 m band)
Other frequency range on request
 - Power 1 to 5 W
 - **Parameters** Target identification number, sensitivity, frequency range
 - **Target behaviours** Move to friend, neutral, enemy, friend or enemy to neutral when hit, friend or enemy to neutral and immediately to friend or enemy, friend or enemy go to neutral when hit a predefined number of time
Movements and hits can be combined with flash lights
Other behaviours available (software tuning)
Timing of movements (visible, invisible, interval, etc.) is controlled via the command box controller or via a PC based device
 - **Connectors** Current loop, connector for peripherals
 - **Options** Lamps or flash lights, laser (MILES or similar),
Can be connected to AMS systems
 - **Reliability test** Vibration, choc, fall, temperature, wind, sand, watertight, EMC
 - **Duration of life** Our products are built to last 25 years
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