



The UAV Towed Target is intended to be towed behind a target drone/UAV. The target can have up to 2 IR flares or smoke attached to the target body (the flares are consumables and shall be ordered separately).

The target includes MDI AS-136/12U, which is a high-performance Acoustic Miss Distance Indicator. The MDI scores supersonic projectiles as well as supersonic missiles by detecting their shockwave. Please note that projectiles and missiles must travel faster than the speed of sound through the air when passing the target to be scored.

The UAV towed Target is launched from a separate stand parallel to the Target Drone launcher.

The UAV Towed Target is equipped with a parachute for recovery. The parachute, which normally is reusable, is attached in the back of the UAV Towed Target and will be deployed by a recovery servo.

The UAV Towed Target may also be equipped with a sleeve target for extra visibility and/or radar reflectivity. Different sleeves can be attached depending on preferred sleeve size and functionality.

## TECHNICAL DATA

### GENERAL

|                     |                                   |
|---------------------|-----------------------------------|
| Length              | 500 – 600 mm                      |
| Diameter            | Outer: 75 mm<br>Inner: 72 mm      |
| Weight chassi       | Approx 1.6 kg                     |
| Weight MDI          | Approx 0.4 kg                     |
| Weight Parachute    | Approx 0.1 kg                     |
| Weight IR flares    | Approx 0.8 kg                     |
| Speed               | 60 – 120 m/s                      |
| Drag without sleeve | ~0.75                             |
| Tow Line Dispensing | Reeling out from UAV Towed Target |
| Tow Line Length     | 50 m                              |

### BATTERY INFORMATION

|                        |                                |
|------------------------|--------------------------------|
| Power Supply           | Rechargeable NIMH battery pack |
| Battery operation time | Max. 2h at +25°C               |
| Supply Voltage         | + 12 VDC                       |
| Operation Temperature  | -30°C to +55°C                 |
| Storage temperature    | -40°C to +70°C                 |

### DATA

|                   |  |
|-------------------|--|
| Scoring Capacity  | 6000 rounds per minute, momentarily more   |
| Scoring Calibers  | 5.56 mm to 5"+ and missiles  |
| Distance Accuracy | ±1 m or max ±15% (on the average) of the actual miss distance, whichever is the greatest |

### TRANSCEIVER

|                    |                              |
|--------------------|------------------------------|
| Carrier frequency  | Frequency within 330-473 MHz |
| Channel separation | 12.5 kHz                     |
| Radiated power     | typ. 1.0 W                   |
| Link type          | Half-Duplex                  |
| Data transfer rate | Radio 9600 bps               |
| Optional           | Encryption AES128            |

### CONFIGURATION OPTION

|                                |           |
|--------------------------------|-----------|
| Miss Distance Indicator        | Yes       |
| IR Flares                      | 2         |
| Smoke                          | Yes       |
| Recovery method                | Parachute |
| Sleeve/Banner                  | Yes       |
| Radar Reflective Sleeve/Banner | Yes       |
| GPS                            | Yes       |