

NM& L200 is a high performance catapult specially designed for UAV systems



Key Features

- High performance for professional UAVs up to 5 Kg
- Folding catapult
- Customizable aircraft interface
- Servo-actuated launch system

Description

Performance

Rugged aluminium launcher for unmanned aircrafts, excellent to fulfil UAV professionals needs.

L200 is a folding and man portable catapult, which permits to deploy it at any stage, being fully operative in less than 4 minutes. Perfect for carrying out high requirement missions effectively.

Includes an interchangeable aircraft interface which permits to use the catapult with different aircrafts, being one of the most versatile systems on the market. Just attach your own interface to fit your aircraft hook or used the standard hook provided.

Operator will be able to control the aircraft launch speed by selecting the desired carriage position.

Safety

It's high reliability servo-actuated mechanism permits to launch your aircraft remotely or by wire, just a PWM signal is needed in order to perform the launch. Safety pin is also included to avoid accidental UAV release.



Specifications

| Launching Parameters (5kg) | | |
|----------------------------|----------|--------|
| Maximum UAV mass | 5 Kg | |
| UAV take-off speed | 15,4 m/s | 13 m/s |
| Distance (no lift) | 9,1 m | 9,7 m |
| Launch angle | 11° | 17° |

| Shot Parameters | |
|------------------------------|--|
| Shooting system actuator | Servo-actuator |
| Input Voltage | 4,8-6 V (other options available on request) |
| Input Current | 8 A |
| Input Signal | PWM |
| Set up time ready for launch | 3 min |
| Launcher recovery time | 4 min |

| Dimensions | |
|----------------------|--|
| Rail Length | 1,75 m |
| Launcher weight | 10,8 Kg |
| L x W x H (Unfolded) | 2,15 x 1,00 x 0,72 to 2,15 x 1,80 x 1,03 m (adjustable height) |
| Packaging L x W x H | 1,20 x 0,50 x 0,50 m |