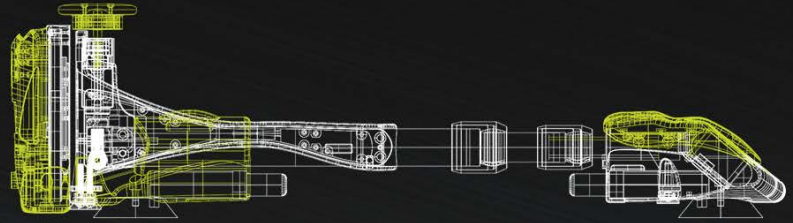


# **EZSlam Data Sheet**

## **Release v2.0**



### **1. GENERAL**

EZSlam is a measurement device developed to accurately measure all key metrics of a door on a vehicle. EZSlam measures closing speed, closing force, pulse energy, cabin pressure and much more.

### **2. MEASUREMENT AND FUNCTIONALITY**

#### **a. Software**

- Speed Measurement Range: 0 - 2.5 m/s
- Force Measurement Range: +500 N pushing, -150 N pulling
- Pressure Measure Range: -5 to +5 mbar
  
- Total Y Displacement (Long Body Unit Sensor): 70 mm
- Total Z Displacement (Short Body Unit Sensor): 24 mm
  
- Door Angle Measurement Range: <180° Door Angle
- Hinge Angle Measurement Range: ±10°
  
- Calibration Temperature: 20 °C
- Operating Temperature Range: 5 °C to 35 °C
- Storage Temperature Range: 0 °C to 40 °C

\*Details of accuracy and uncertainty are listed in each device's calibration certificate



# EZSlam Data Sheet

## 3. COMPONENTS

\*Fully loaded set includes: Base Unit, Door Unit, Body Unit, Cabin Unit, 4 Li-Ion Batteries, Desktop Charger, 3 Antennas, Water Spray Bottle, Cable Set

## 4. DIMENSIONS

- Base Unit: (80 x 70 x 20) mm  
0.1 kg
- Door Unit: (100 x 170 x 630 to 1170) mm  
1.9 kg (2.1 kg including battery)
- Body Unit: (120 x 170 x 50) mm \*Not including independent suction cup on flex arm 80 mm dia  
1.0 kg (1.2 kg including battery)
- Cabin Unit: (50 x 100 x 50) mm  
0.5 kg (0.7 kg including battery)
- Full set in carrying case: (1011 x 420 x 170) mm  
13kg (Fully loaded)

## 5. COMPLIANCE

- EZSlam complies with CE guidelines
- Laser Class 2M

**President and Co-Founder**

Tom Van Esch

A handwritten signature in black ink, appearing to read 'Tom Van Esch'.

**President and Co-Founder**

Carine Woldanski

A handwritten signature in black ink, appearing to read 'Carine Woldanski'.