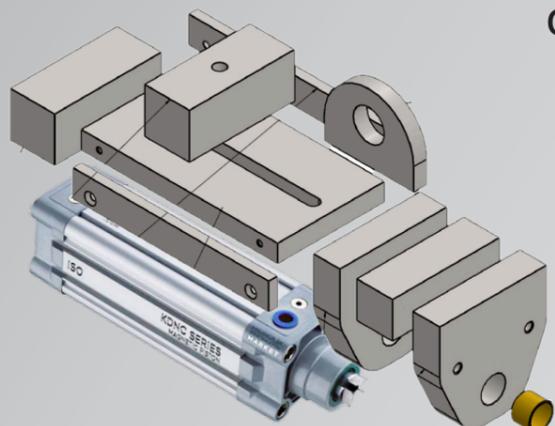




FOPS Test Unit

Precision FOPS Impact & Release System

EU 1322/2014 FOPS Requirements: Specifically designed to perform mandatory drop tests for agricultural and forestry vehicles to verify the cabin's resistance against falling objects.



High-Performance Pneumatic Triggering

Instantaneous Frictionless Release:

The specialized pneumatic trigger body ensures an instantaneous release of the test weight, eliminating mechanical friction and ensuring 100% gravitational accuracy.

Remote Safety Activation:

Pneumatic control allows operators to trigger the release from a safe distance, fulfilling laboratory occupational health and safety (OHS) protocols

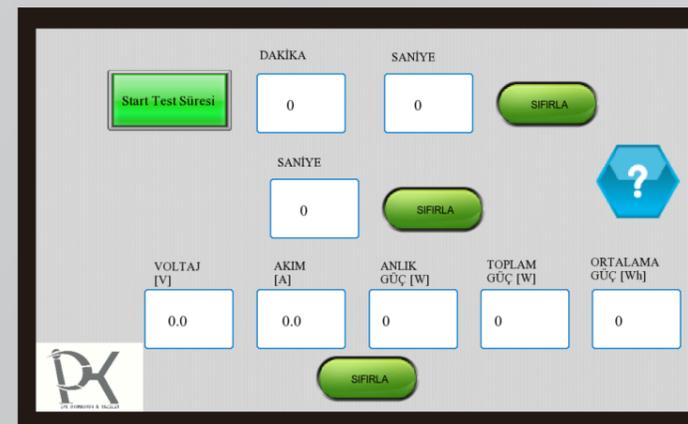
Heavy-Duty Modular Design:

The trigger mechanism is constructed from high-strength treated steel (as shown in the technical CAD) to handle repetitive high-mass drop cycles without deformation.



Fuel Consumption Measurement Test Unit

Electric Vehicle Energy Efficiency & Power Analysis System

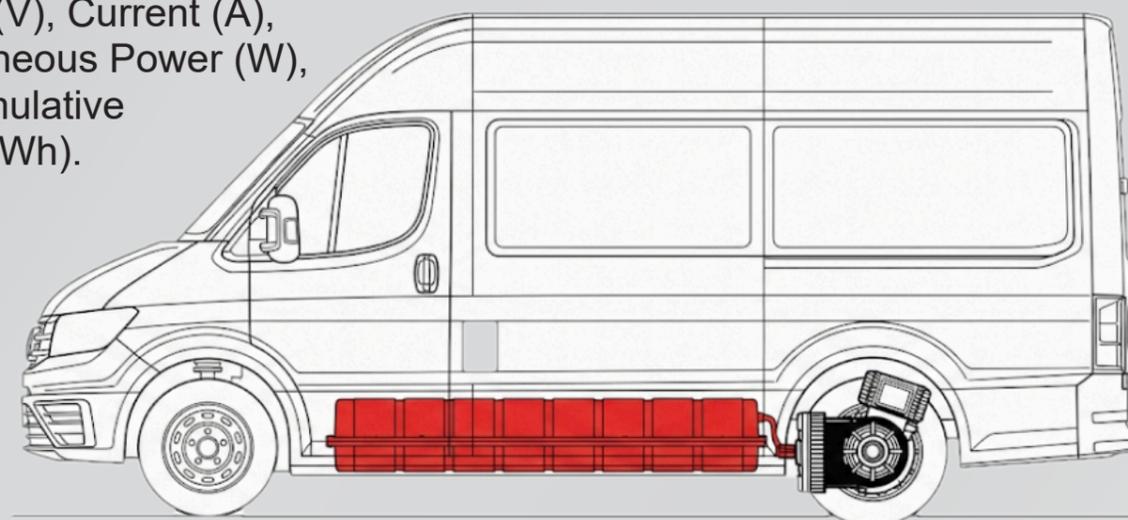


e-SORT Standardised On-Road Test Cycles: Specifically designed to calculate the energy consumption of electric vehicles according to UITP e-SORT protocols under various operating conditions.

Total Energy & Average Power Calculation: Measures and records total energy consumption (Wh) and average power demand during standardized driving cycles to determine the vehicle's kWh/km efficiency.

High-Precision Power Mapping: Real-time monitoring of voltage and current to map the power delivery characteristics of the battery and drivetrain during acceleration, cruise, and regeneration phases.

Real-Time Dashboard: Features an intuitive interface (as seen in image_37b8d6.png) for monitoring critical parameters: Voltage (V), Current (A), Instantaneous Power (W), and Cumulative Energy (Wh).



On-Board Energy Monitoring Infrastructure