Platform including USB Interface Hub with EDAQ Onboard (EDC-EDAQ-300P)

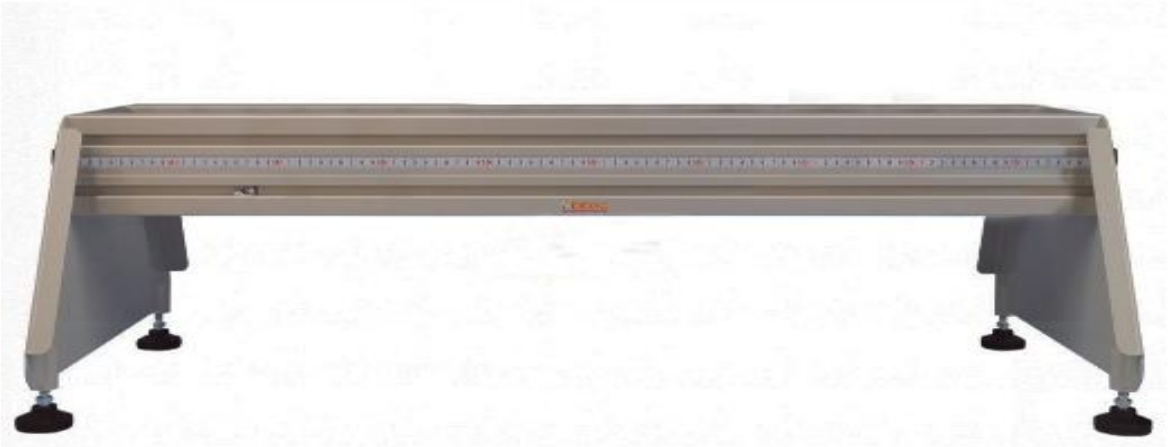
SPECIFICATIONS:

- Compact design with lifting handles for easy mobility
- Rigid design with adjustable feet for stability and accurate results
- Low center of gravity for added balance
- Made from precision-slotted aluminum extrusions and steel end plates for durability
- Includes measuring scales for easy and accurate positioning of parts
- Quick and simple experiment setup and change
- USB interface hub for connection to a suitable computer
- User-friendly simulation, display, and data acquisition software
- Data export in CSV format for use in spreadsheet and other software applications
- Manual or automatic data recording
- Data capture at set time intervals
- Real-time traces of analog signals
- Data logging for printing and later analysis

DESCRIPTION:

This modular experiment platform is designed to support similar branded Structures experiment modules, offering a compact, rigid, and mobile setup for laboratory and educational environments. It features a durable construction made from precision-slotted aluminum extrusions and steel end plates, ensuring stability and reliability. The unit's adjustable feet and low center of gravity provide accurate and repeatable results, making it ideal for various structural experiments. Measuring scales allow for precise positioning of components, while the system's compact size and lifting handles enhance mobility and storage convenience.

The platform integrates a USB interface hub for seamless connection to a computer, enabling real-time data acquisition and analysis. The included user-friendly software supports data logging, exporting in CSV/XLSX formats, and real-time calculations. It can generate and print charts and tables, ensuring a smooth research and learning experience. The system also supports onboard EDAQ for automatic or manual data recording and analysis. Standard accessories such as a hexagon tool, USB cable, AC mains adapter, and software package are included for a complete and ready-to-use solution



TECHNICAL DATA:

- **Dimensions:** 1062 mm (L) x 420 mm (W) x 295 mm (H)
- **Construction:**
  - Material: Precision-slotted aluminum extrusions and steel end plates
  - Stability: Adjustable feet and low center of gravity
- **Measurement Features:**
  - Built-in measuring scales
  - Quick and simple experiment setup
- **Connectivity & Software:**
  - USB interface hub for data acquisition
  - Software for display, simulation, and data export
  - Data export formats: CSV/XLSX
- **Onboard EDAQ System:**
  - Manual/automatic data recording
  - Settable data capture intervals
  - Real-time analog signal tracking
  - Data logging for analysis and printing
  - User-defined real-time calculations
  - Display options: Digital or analog meter format
- **Standard Accessories:**
  - Hexagon tool
  - USB cable
  - USB interface hub with fixings
  - AC mains adapter
  - User guide
  - Data acquisition software