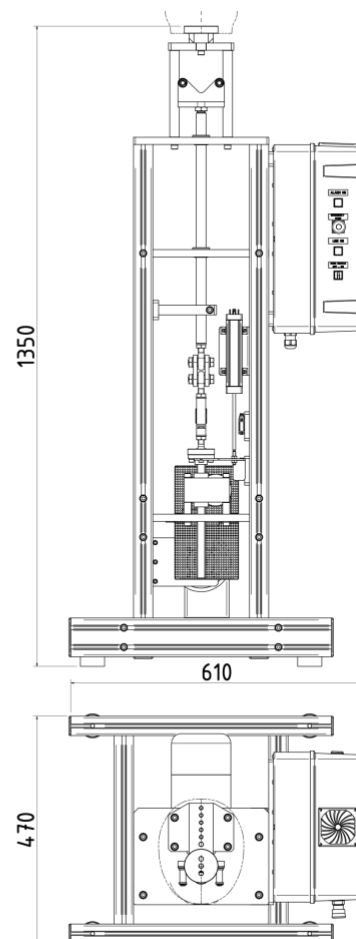
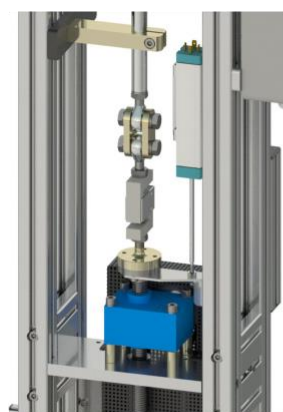


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MSS 1045/A/5

Static chin strap test system, fork-and-rollers method; features a new aluminium frame, linear actuator, load cell, and electronic microprocessor control. Includes PC with software for fully automatic operation with variable speed/force settings (DOT, JIS, and EN compliant).



Technical data sheet :

- **Frame constructed** from ITEM aluminium profiles (40×40 mm and 40×80 mm).
- **Other mechanical components** made of zinc-coated steel or anodized aluminium.
- **Linear actuator** providing a traction force up to 500 kN), equipped with an electric motor and integrated limit switches.
- **Size J (575 mm) sectioned PU resin headform** included, fully compliant with EN 960/2006 (other headform sizes available upon request).
- **Hardened steel fork** equipped with rollers for chin strap attachment.
- **Strain gauge load cell** with a maximum capacity of 500 kgf (5 kN), heavy-duty steel construction.
- **Load cell signal conditioner**, model Jolly TLB.
- **NI data acquisition (DAQ) board**, with actuators fully controlled via dedicated PC software; all test procedures and functions are executed automatically.
- **Automatic testing sequences** in strict accordance with DOT, AS, EN 397, EN 812, and JIS standards.
- **Gefran linear displacement transducer** for precise measurement of elongation and/or travel.
- **Control box** containing the power supply and electrical connections, directly mounted on the machine frame.
- **Inverter** installed on the machine frame adjacent to the electric motor.
- **Laptop PC** supplied with pre-installed software for automated testing according to various international standards.
- **Weight:** 70 kg. . **Dimensions:** 610 × 470 × 1350 mm.
- **Power supply:** 220–240 V single-phase, power consumption 0.9 kW.