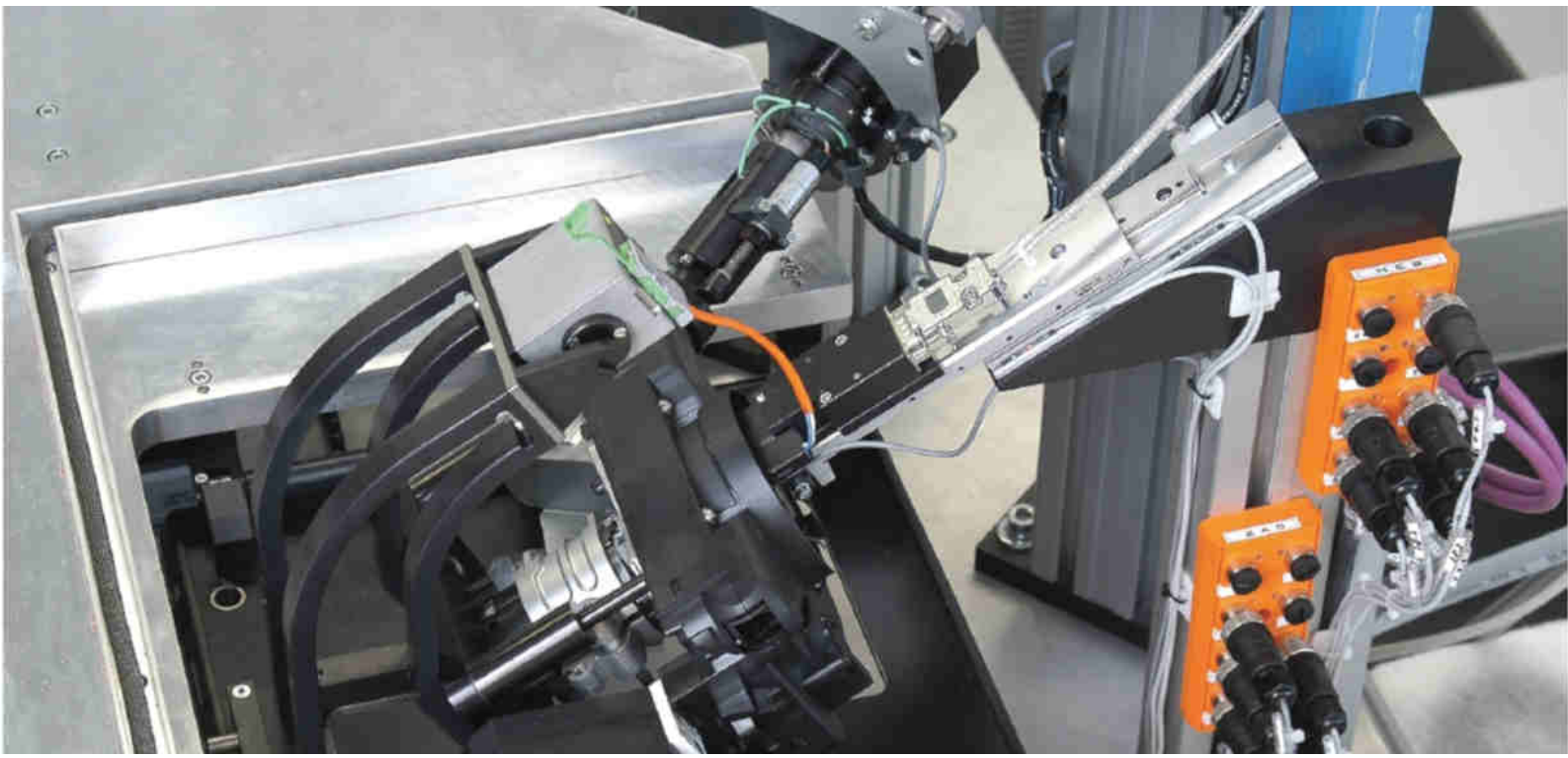

CIM-ZAS Test station for ignition starter switch

Product description

The test station is used for automatic function testing of ignition starter switches and top column switch modules with multifunction steering wheel interface.
The simulation of the rotary movement of the ignition starter switch is torque-limited by a servo drive. The insertion of the key and the key rotation are simulated.
In parallel, the signals of the multifunction steering wheel are simulated both analogue and via LIN bus and passed on via the switch module to be tested via CAN bus.

Field of application

Quality control, in-line- and end-of-line testing in the area manufacturing/production

www.itgroup-europe.com

ITronic GmbH
Rathausgasse 20
D-71729 Erdmannhausen
T +49 (0)71 44-8711-00
sales@itgroup-europe.com

ITronic Kft.
Pápai u. 43
H-8200 Veszprém
T +36-88-591-020
info@hu.itronic.biz

Software | Electronics | Sensors | Fixture | Control technology

ITgroup

CIM-ZAS Test station for ignition starter switch

Technical data

Test bench/device

- Conveyor line with workpiece carriers
- Rotary motion by servo drive, torque-limited

Software

- Testing software TST-WIN under Windows
- All settings and procedures menu-guided programmable
- Automatic type change
- Password-protected access levels
- Extensive evaluation options, daily/monthly/worker statistics
- Data transfer to line computer for data traceability

Scope of testing

- Measurement of angle of rotation/torque/contact mixed analogue/bus-coded
- Simulation multifunction steering wheel (MFL) and testing MFL interface
- Simulation and testing of ESCL (key release lock)
- Testing SCL (steering wheel lock)
- Measurement of force/displacement/contact for key-in contact, pneumatic actuation
- Torque/rotation angle contact release measurement
  - 0...180°, resolution 0.1°
  - ±500 cNm, resolution 0.05 cNm
  - ±500 °/s, ±0,2 %

Input-/visualisation units

- Monitor
- Keyboard

Dimensions/Transport

- 1200x1800x1200 mm (WxHxD)

Test time

- 15 s

Exemplarly device type

- 289 1047

www.itgroup-europe.com

ITronic GmbH
Rathausgasse 20
D-71729 Erdmannhausen
T +49 (0)71 44-8711-00
sales@itgroup-europe.com

ITronic Kft.
Pápai u. 43
H-8200 Veszprém
T +36-88-591-020
info@hu.itronic.biz