Coby

Cobot Engineering Solution
Automation of End-of-Line Test Stands

- automated EoL testing of multi-variant car seats and door systems
- optical inspection by integrated camera solution
- position finding in the complete DUT adjustment range through proven referencing procedure
- mobile and stationary installation concepts for customized solutions
- fast feasibility analysis through virtual simulation tool

GOPEL electronic
Enjoy Testing

Technical specifications

Coby - Cobot Engineering Solution

Parameters	
maximum load (depending on cobot)	up to 160 N
reachability (depending on cobot)	up to 1300 mm (UR10e)
TCP speed	up to 3000 mm/s
communication interfaces	Modbus TCP, Digital I/Os, PROFINET, Ethernet/IP
temperature range	0-50 °C

Line Integration

- integration into existing safety concepts according to 2006/42/EG
- docking system for fast roboter exchange within minutes
- various industrial control interfaces

Optical Inspection

- barcode label reading
- colour validation
- visual traceability

Innovative Quality Assurance

- automated
- repeatable
- traceable
- ergonomically optimized
- cost-optimized
- low maintenance

Virtual Model

- modern simulation tools
- integration of line layouts (.dwg) and CAD DUT models
- feasibility analysis

Coby

Cobot Engineering Solution
Automation of End-of-Line Test Stands

Automated Testing Process

- switch panel interaction
- adjustmend of delivery position
- SBR/BodySense/CIS
- belt buckle test

Cobot

- Universal Robot e-Series (UR3e, UR5e, UR10e, UR16e, etc.) with EN ISO 13849-1, Cat. 3 PL d and EN ISO 10218-1

DUTs

- mechanical, electrical car seats
- seats with memory function
- door systems
- further on request

Made in Germany

GÖPEL electronic
Enjoy Testing
ISO 9001 certified

GÖPEL electronic GmbH
Goeschwitzer Str. 58/60
07745 Jena · Deutschland
+49 3641 · 6896 0 Phone
+49 3641 · 6896 944 Fax
ats.sales@goepel.com
www.goepel.com
ats.sales@goepel.co.uk ats.sales@goepelusa.com ats.sales@goepel.asia ats.sales@goepel.in

910183
DESIGN-P-0009-0 ATS Coby en / 03-2020