



Haptic test EK for evaluation and small series production



- proof of haptic quality
- use for evaluation in small series
- compact stand-alone system
- one measuring section
- short cycle time and intuitive operation



Technical data	
measuring technology	wear-free voice coil actuator with strain gauge measuring head
measuring range	X: 250 mm; Y: 400 mm; Z (measuring travel) 15 cm measuring travel at up to 25 N
measuring speed	feed up to 750 mm/s and measure 30 mm/s
resolution displacement	integrated linear encoder with 0.01 µm resolution
resolution force	force sensor with 1 mN resolution

Synchronisation

- force/displacement measurement for switching point determination expandable with additional analogue, digital and bus channels

Flexibility

- XY table for positioning
- 15 mm z-stroke with force and displacement measurement



Evaluation

- automatic curve discussion for key
- and touch evaluation
- good/bad evaluation based on definable limits



Force Feedback

- record touch display surface changes
- optionally record vibrations via force and displacement

Cycle time

- short actuation times due to fast infeed stroke and slower, more precise measuring movement



Software

- intuitive user interface
- parameterisation of test
- points and force-controlled slide movements

Options

- Measurement technology for electrical function test with feedback-free sleep current measurement

Made in Germany