MetLogix ✓

Force Test



Digital Force Gauge Series DFC / DFG

- 2 Models: DFG Basic and DFC Advanced Unit
- Maesuring Range max. 10N up to max. 2500N
- Excellent Accuracy and Repeatability
- 2 programmable Soft Keys
- very good overview with bar graph and peak value display
- includes tolerance check and statistics
- color display

	DFC	DFG
Measurement Accuracy (full scale)	+/-0.1%	+/-0.2%
CNC machine control for force stand	Yes	No
Safe Overload Rating	200%	200%
Grip/Tare Capacity (full scale)	10%	10%
Display Resolution	10.000:1	5.000:1
Data Sampling Rate (Hz)	8kHz	8kHz
Cast Aluminium Housing	Yes	Yes
Digital I/O	2	-
Bluetooth data transfer	Yes	No
Result memory	99	50

MTL / MTH Manual Test stands for DFC / DFG

- 3 Models: quick action lever or hand wheel
- Solid stand, flexible and easy use
- big choice of grips available

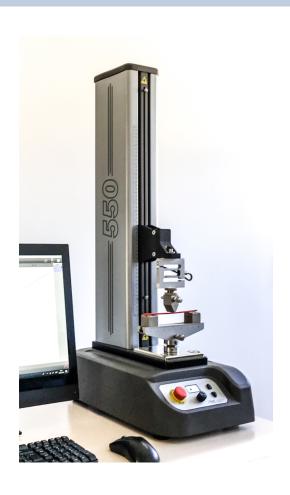
	MTL-110	MTL-330	MTL-550
Load capacity	500 N	1500 N	2000 N
Column height	500 mm	760 mm	760 mm
Crosshead travel	150 mm	150 mm	100 mm
Travel per lever/handwheel rotation	76 mm	76 mm	0,76 mm
Horizontal test format	Option	Option	Option
Bench mounting	Yes	Yes	Yes
Grip adaptor thread	M6	M10	M10
Throat distance	150 mm	100 mm	100 mm







Shown with optional accessories



CNC Test stand (Universal force tester) FMM / FMM-X

- Standard and long Version
- Excellent accuracy and repeatability
- Practical integrated safety provisions
- Perfect for shop floor, incoming goods and laboratory

	FMM 110/110x	FMM 550/550x
Load capacity	500 N	2500 N
Crosshead travel	500/760mm	500/760mm
Minimum speed	0,05mm/min	0,05mm/min
Maximum speed	1000mm/min	1000mm/min
Speed accuracy (full scale)	< 0,1%	< 0,1%
Position accuracy	< 0,02 mm	< 0,02 mm
Throat distance	100mm	100mm

Force test software and accessories Load cells, Controller, Grips und more

Wide range of load cells with high accuracy

Load o	ells	Controller	Grips and fixtures
BLC-2	10 N	PC	Clevis adaptors
BLC-5	20 N	Windows 10 ®	Compression plates
BLC-10	50 N	Incl. Keyboard and Mouse	Chisels
BLC-20	100 N		Vise grips
BLC-50	250 N		Hooks
BLC-100	500 N		Peel test grips
BLC-200	1000 N		And many more
BLC-500	2500 N		

- Clear arranged easy to use test software, with Touch Screen concept
- Big choice of grips and fixtures for standard and individual tests







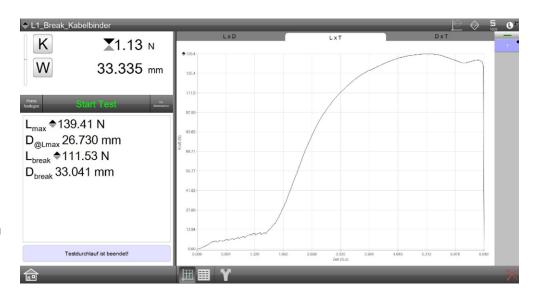
Test software

- L1: templates for ease set up of the tests, perfect for universal test routines
 - o L1 includes springs test routines including automated pre-conditioning
- o L2plus: test configurator gives ultimate freedom for the test procedure, result evaluation directly on the graph
- o L3: material test software, including all benefits of test procedure freedom
- o Innovative user interface for fluent handling at low training effort
 - easy use
 - Windows operating system
 - Also ideal for use at shop floor, incoming and outgoing goods

L1 test software

load test

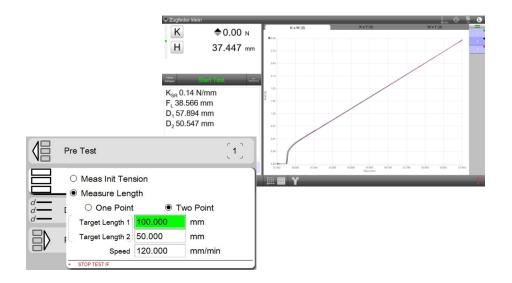
distance test
break test
cycle test
- by time
- by counts
creep test
tolerance check included
graphical result curve comparison



Testing springs

integrated statistics

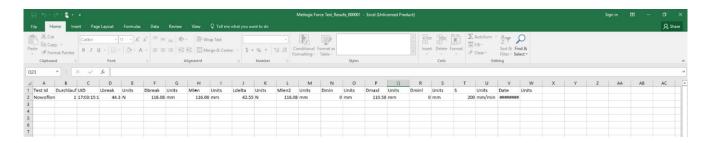
both: compression and tension springs spring rate free length pretension preconditioning



Data export

- Sending data to transfer file for Excel® and other evaluation programs
- o Export of results and raw data, manually or automated during test routine
- o Target directory selectable

Export of test results



Export of raw data for further detailed processing

