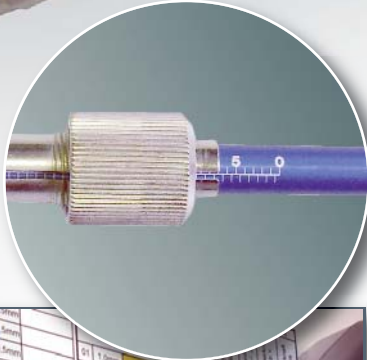


[www.FK50.info](http://www.FK50.info)

**PIN TESTING SYSTEM  
FK50**



Pin Testing System FK50 Art. No. 401 443  
Pin Testing System FK50 DataLink Art. No. 401 456



**PIN TESTING SYSTEM FK50 & FK50 DataLink  
Efficient Spring Force Measurement for Test Pins up to 50 N**

Flexibly implementable and easy to operate - with the new Pin Testing System FK50 you assure the quality of your testing equipment. You can test the tension of each individual test pin in an easy manner and manually take over the metered values, displayed on a large screen, directly into your maintenance logs. The Data Link Nadelprüfergerät FK50 enables the automatic measurement evaluation for logging into an Excel worksheet. In addition, when combining the TSK cable testers, simple classification and documentation of the test adaptor's respective pin is possible.

Interchangeable probe tips ensure that the pin testing system can be implemented for almost all test pins from renowned manufacturers.

The Pin Testing System FK50 & FK50 DataLink not only makes spring Force measuring more efficient and safe, it also simultaneously renders an important contribution to the professionalism of your maintenance protocols.

Stand 10.03.2011 | Copyright © TSK Prüfsysteme GmbH

GKS 112	09	0,53	1,3	10,5mm	01	1,0mm	2,5mm	1,13	10,5mm
GKS 112	08	1,5	1,5	10,5mm	02	1,5mm	2,5mm	1,13	10,5mm
GKS 112	07	2,0	1,5	10,5mm	03	2,0mm	2,5mm	1,13	10,5mm
GKS 112	06	3,0	1,5	10,5mm	04	3,0mm	2,5mm	1,13	10,5mm
GKS 112	05	3,5	1,5	10,5mm	05	3,5mm	2,5mm	1,13	10,5mm
GKS 112	04	4,0	1,5	10,5mm	06	4,0mm	2,5mm	1,13	10,5mm
GKS 112	03	4,5	1,5	10,5mm	07	4,5mm	2,5mm	1,13	10,5mm
GKS 112	02	5,0	1,5	10,5mm	08	5,0mm	2,5mm	1,13	10,5mm
GKS 112	01	5,5	1,5	10,5mm	09	5,5mm	2,5mm	1,13	10,5mm
GKS 112	00	6,0	1,5	10,5mm	10	6,0mm	2,5mm	1,13	10,5mm

## TEST FUNCTIONS

- 5 kg (50 N) capacity, highest resolution and accuracy
- Measuring in kilogram, oz and N
- 3 display units: kg, oz, N
- Tension measuring at the press of a button
- Button for fast or slow response
- Retain maximum value
- Overload protection 7.5 kg
- Various probe tips for different types of test pins
- Forwarding of performance data via a RS232 interface to a PC



### ACCESSORIES

- Various probe tips
- USB - serial converter (incl. software)
- Power pack
- Recalibration

## PURCHASED PARTS PACKAGE

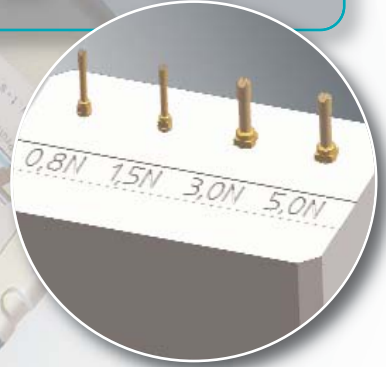
- Pin Testing System incl. probe tips adaptor
- 6 St. 1.5 V AA, UM-3 Mignon batteries
- Standard probe tip Ø 4.0 mm, (one additional probe tip)\*
- Original test pins\*
- Manufacturer's certificate of calibration
- Documentation
- Data cable
- FK50 DataLink\* for measuring evaluation (Windows XP and Excel from 2003 is required)
- Reference charts
- carrying case

\* only with the configuration FK50.DataLink

## MEASURING SLEEVES TO TEST THE SPRING FORCES OF FOLLOWING TEST PIN TYPES:

		SAP No.	Sleeve
GKS 112 ... / F 732 ... /HSS 118	0,6 to 5,0 N	109 357	
GKS 113 ... / F 733 ... /HSS 120	0,6 to 5,0 N	109 358	
VF3 ...		109 410	
VF4 ...		109 411	
VF5 ...	20 N		in preparation
VF5 ...	34 N	109 412	
V05 - 83 ...	20 N		in preparation
V05 - 83 ...	34 N	109 413	
V05 - 93 ...	20 N		in preparation
V05 - 93 ...	34 N	109 414	

The measuring sleeves can be ordered from TSK with the SAP No.



## TECHNICAL DATA

Display	5-digit, 10 mm LCD
Direction of display	selectable via button on the front side of the device.
Function	force of load and compressive force measurement
Peak Hold	stores the maximum value
Zero setting	for normal measuring mode and the max-loadmodus
Metering range	5 kg / 176.40 oz / 49.03 N (+/-0,5 % at 25 °C)
Minimum Display	3 g / 0.10 oz / 0,03 N
Range selection	kg, oz, N
Metered value renewal	every 0.2 s in fast mode / every 0.6 s in slow mode
Voltage supply	6 x 1.5 V AA, UM-3 batteries
Power consumption	ca. 28 mA
Dimensions	227 x 83 x 39 mm