

FH

Digital Force Gauge

Universal digital Force Gauge (Push / Pull) with Peak-Hold function

Warranty

**24
Months**

Included



Included



Included



Included



Included



Included



Included



Option



Option



Option



Technical Highlight:

- Resolution: beginning at 0.001 N
- Accuracy: 0.2 % of Capacity
(FH 200K and higher: 1 % of Cap.)
- Data Sampling Rate: 2000 Hz
- Mini Statistics Kit



Delivered in a hard carrying case



Dimensions:
L 238 x B 63 x H 36 mm;
Weight: 640 g



Real time or Peak Hold Mode to observe transients or capture peaks



Auto-Power-OFF
Programmable automatic shutoff after 1 to 60 sec.

Mini Statistics Kit
calculates the average result from up to ten stored single results, min., max., n.

Selectable measuring units of NEWTONS, kgf, lbf

Large LCD Display with blue backlight, Reverse Display possible (180°)



Standard **Output RS 232 C** to printer or PC included

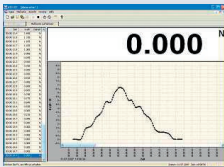
Option for Data Analysis:



Thermo-Printer AP 01 (P. 18)



Software Standard **AFH 01**



- e. g. with
- Continuous data rate up to 1 Hz (= 1 data per sec.)
 - Reading function of Mini-Statistics
 - Data export to Excel possible



Analog Output AFH-02:
Digital control signal interface.
E.g. for machine control



Programmable **high / low setpoints** for go/no-go testing.
Light and sound signal output



Software Premium **AFH FAST** with

- Data rate up to 10 Hz (= 10 data per Sec),
- Otherwise like AFH 01

Overload Protection: 150% of capacity

Standard Attachments:
as shown below;
Extension rod: 90 mm



SAUTER FH can be attached to all **Test Stands**, see p. 14



SAUTER TVP as shown is not included in delivery of SAUTER FH



FH 2 to FH 500 with **internal sensor** (as shown on page 8).



FH 1k to FH 1m with **remote sensor**

Model	Max	Resolu- tion	ISO Calibration Certificate (option)
FH 2	2 N	0,001 N	CF 500
FH 5	5 N	0,001 N	CF 500
FH 10	10 N	0,005 N	CF 500
FH 20	20 N	0,010 N	CF 500
FH 50	50 N	0,010 N	CF 500
FH 100	100 N	0,050 N	CF 500
FH 200	200 N	0,100 N	CF 500
FH 500	500 N	0,10 N	CF 500
FH 1k	1 000 N	0,50 N	CF 2k
FH 2k	2 000 N	1,0 N	CF 2k
FH 5k	5 000 N	1,0 N	CF 10k
FH 10k	10 000 N	5,0 N	CF 10k
FH 20k	20 000 N	10,0 N	on request
FH 50k	50.000 N	10,0 N	on request
FH 100k	100 000 N	50,0 N	on request
FH 200k	200 000 N	100 N	on request
FH 500k	500 000 N	100 N	on request
FH 1m	1 000 000 N	1 000 N	on request