

Digital force gauge SAUTER FH-M



Force-measuring devices with external measuring cells

Features	Technical data	Options
<ul style="list-style-type: none"> • Turnable display with backlight • Digital force gauge with remote sensor • Data interface RS 232 C • Selectable measuring units: N, lb, kg • Real time or Peak Hold Mode to observe transients or capture peaks • Function to set limits: Programmable high / low setpoints for go/no-go testing. Light and sound signal output • Auto-Power-Off • Mini Statistics Kit: calculates the average result from up to ten stored single results, min., max., n 	<ul style="list-style-type: none"> • High resolution: up to 10,000 points (total measuring range) • Measuring frequency: 2000 Hz • Precision: 0,5 % of [Max] • Overload protection: 150 % of [Max] • Dimensions housing LxWxH 238x63x36 mm • Dimensions sensor WxDxH • FH 1K - FH 20K: 51x76,2x19 mm • FH 50K: 76,3x108x25,5 mm • FH 100K: 125,2x178x51,3 mm • Cable length (measuring cell to display device) approx. 3 m 	<ul style="list-style-type: none"> • Analogue output. Control module with integrated relays. For example for machine control (I/O), SAUTER AFH-02 • Force-time evaluation software, data transmission rate: 20 Hz, SAUTER AFH FAST • Force-distance evaluation software with graphic display of the measuring process, SAUTER AFH FD • Further accessory see www.kern-sohn.com and page 21

STANDARD							OPTION		STANDARD		OPTION		

Model	Measuring range [Max] kN	Readout [d] N	Option ISO Calibr. Certificate	
			ISO KERN	
FH 1K	1	0,5	961-162	
FH 2K	2	1	961-162	
FH 5K	5	1	961-163	
FH 10K	10	5	961-163	
FH 20K	20	10	961-164	
FH 50K	50	10	961-165	
FH 100K	100	50	961-166	