

# Digital force gauge SAUTER FH-M



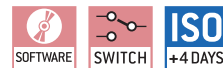
## Force-measuring devices with external measuring cells

Features	Technical data	Options
<ul style="list-style-type: none"> <li>• <b>Turnable display</b> with backlight</li> <li>• Digital force gauge with remote sensor</li> <li>• <b>Data interface RS-232</b></li> <li>• Selectable measuring units: N, lb, kg, kN, t</li> <li>• <b>Real time or Peak Hold Mode</b> to observe transients or capture peaks</li> <li>• <b>Function to set limits:</b> Programmable high / low setpoints for go/no-go testing. Light and sound signal output</li> <li>• <b>Auto-Power-Off</b></li> <li>• <b>Mini Statistics Kit:</b> calculates the average value from up to ten stored single values, min., max., n</li> </ul>	<ul style="list-style-type: none"> <li>• High resolution: up to 10,000 points (total measuring range)</li> <li>• Measuring frequency: 2000 Hz</li> <li>• Precision: 0,5 % of [Max]</li> <li>• Overload protection: 150 % of [Max]</li> <li>• Dimensions housing LxWxH 238x63x36 mm</li> <li>• Dimensions sensor WxDxH</li> <li>• FH 1K - FH 20K: 51x76,2x19 mm</li> <li>• FH 50K: 76,3x108x25,5 mm</li> <li>• FH 100K: 125,2x178x51,3 mm</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Analog output.</b> Control module with integrated relays. For example for machine control (I/O), SAUTER AFH-02</li> <li>• <b>Force-time evaluation software,</b> data transmission rate: 20 Hz, SAUTER AFH FAST</li> <li>• <b>Force-distance evaluation software</b> with graphic display of the measuring process, SAUTER AFH FD</li> <li>• Further accessories see <a href="http://www.kern-sohn.com">www.kern-sohn.com</a> and page 26</li> </ul>

### STANDARD



### OPTION



Model	Measuring range [Max] kN	Readout [d] N	Option	
			ISO KERN	Calibr. Certificate
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	