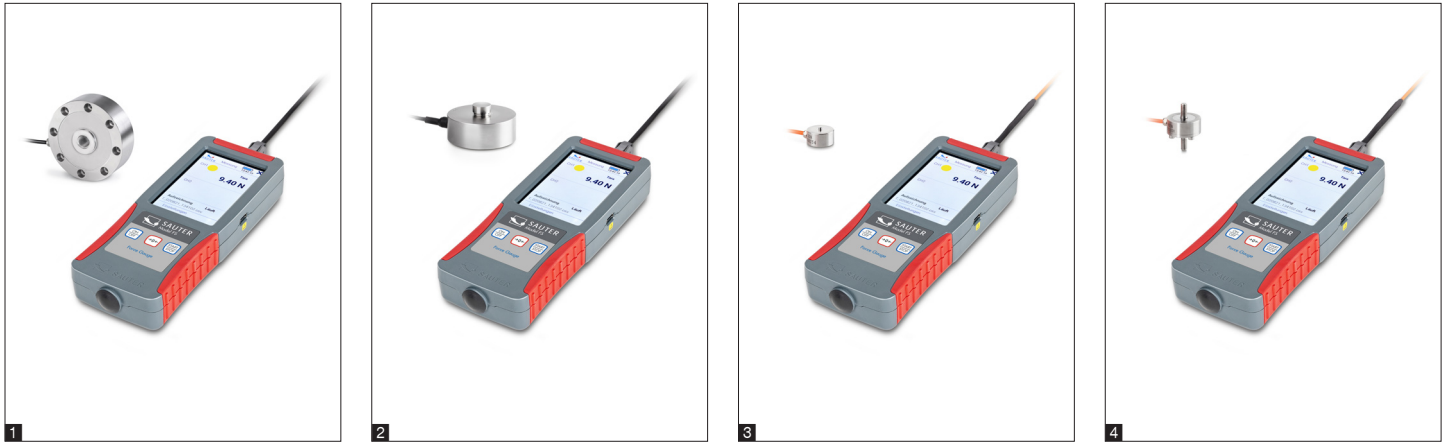




Practical set of premium force gauge and measuring cell

Features

- Thanks to several versions, the pre-configured sets are suitable for tensile and compressive force measurements in a wide range of applications. The set includes the premium force gauge FS 2 and the necessary service FS 401 – FS 408
- It is supplemented optionally by:
 - FS SP1: 4-wire “S” measuring cell made of nickel-plated steel for force and mass measurement (CS P1). For tensile force and compressive force measurements, see larger picture
 - 1 FS RY1: Loadcell made of steel alloy (CR Y1). For tensile force and compressive force measurements
 - 2 FS RQ1: Load cell made of stainless steel (CR Q1). For compressive force measurements
 - 3 FS OY1: Miniature cylindrical load cell made from stainless steel (CO Y1). For compressive force measurements
 - 4 FS OY2: Miniature cylindrical load cell made from stainless steel (CO Y2). For tensile force and compressive force measurements



Accessories

- For subsequent expansion to 4 measuring channels, A/D converter module, only for FS 2 and FS 2-xxx models, SAUTER FS 34
- Max ≤ 10.000 N: Transport case, e.g. for accessories, SAUTER FS TKZ
- Plug-In for data transfer of measuring data from the measuring instrument and transfer to a PC, e.g. in Microsoft Excel®, SAUTER AFI-2.0, see *internet*
- Holders for object fixation and other accessories, please see www.sauter.eu

| | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|---------|--|--|
| STANDARD | | | | | | | | | | OPTION | | |
| | | | | | | | | | | | | |
| FS SP1, FS RY1, FS OY2 | | | | | | | | | | ≤ 5 kN | | |
| | | | | | | | | | | +4 DAYS | | |

| Model | Measuring range [Max] N | Readability [d] N | Load cell in the set | Option DAkkS Calibration Certificate (≤ 5 kN)/ Factory calibration certificate (> 5 kN) | | |
|---|-------------------------|-------------------|----------------------|---|-------------------|---------------------------|
| | | | | Tensile Force | Compressive Force | Tensile/Compressive Force |
| SAUTER | | | | KERN | KERN | KERN |
| FS SP1: For tensile force and compressive force measurements | | | | | | |
| FS 2-1KSP1 | 1000 | 0,2 | CS 100-3P1 | 963-162 | 963-262 | 963-362 |
| FS 2-2KSP1 | 2500 | 0,5 | CS 250-3P1 | 963-163 | 963-263 | 963-363 |
| FS 2-5KSP1 | 5000 | 1 | CS 500-3P1 | 963-163 | 963-263 | 963-363 |
| FS 2-10KSP1 | 10000 | 2 | CS 1000-3P1 | 961-164 | 961-264 | 961-364 |
| FS 2-20KSP1 | 20000 | 4 | CS 2000-3P1 | 961-164 | 961-264 | 961-364 |
| FS 2-50KSP1 | 50000 | 10 | CS 5000-3P1 | 961-165 | 961-265 | 961-365 |
| FS 2-100KSP1 | 100000 | 20 | CS 10000-3P1 | 961-166 | 961-266 | 961-366 |
| 1 FS RY1: For tensile force and compressive force measurements | | | | | | |
| FS 2-5KRY1 | 5000 | 1 | CR 500-1Y1 | 963-161 | 963-263 | 963-363 |
| FS 2-10KRY1 | 10000 | 2 | CR 1000-1Y1 | 961-164 | 961-264 | 961-364 |
| FS 2-50KRY1 | 50000 | 10 | CR 5000-1Y1 | 961-165 | 961-265 | 961-365 |
| FS 2-100KRY1 | 100000 | 20 | CR 10000-1Y1 | 961-166 | 961-266 | 961-366 |
| FS 2-200KRY1 | 200000 | 40 | CR 20000-1Y1 | 961-167 | 961-267 | 961-367 |
| 2 FS RQ1: For compressive force measurements | | | | | | |
| FS 2-25KRQ1 | 25000 | 5 | CR 2500-1Q1 | - | 961-265 | - |
| FS 2-50KRQ1 | 50000 | 10 | CR 5000-1Q1 | - | 961-265 | - |
| FS 2-100KRQ1 | 100000 | 20 | CR 10000-1Q1 | - | 961-266 | - |
| 3 FS OY1: For compressive force measurements | | | | | | |
| FS 2-500OY1 | 500 | 0,1 | CO 50-Y1 | - | 963-261 | - |
| FS 2-2KOY1 | 2000 | 0,4 | CO 200-Y1 | - | 963-262 | - |
| FS 2-5KOY1 | 5000 | 1 | CO 500-Y1 | - | 963-263 | - |
| FS 2-20KOY1 | 20000 | 4 | CO 2000-Y1 | - | 961-264 | - |
| 4 FS OY2: For tensile force and compressive force measurements | | | | | | |
| FS 2-100OY2 | 100 | 0,02 | CO 10-Y2 | 963-161 | 963-261 | 963-361 |
| FS 2-500OY2 | 500 | 0,1 | CO 50-Y2 | 963-161 | 963-261 | 963-361 |
| FS 2-1KOY2 | 1000 | 0,2 | CO 100-Y2 | 963-162 | 963-262 | 963-362 |