## Electronic angle-controlled torque wrenches SENSOTORK ${ }^{\circledR}$ 713R and electronic torque wrench SENSOTORK ${ }^{\circledR}$ 712R

- simple, flexible operation thanks to operator guidance on large-format display
- very broad measuring range (5\% to 100\% of rated value)
- supplied with insert tool reversible ratchet 229
- more insert tools
- QuickRelease safety lock
- for clockwise and anticlockwise torquing
- measurements independent of the point of application of force
- units of measurement: $\mathrm{N} \cdot \mathrm{m}, \mathrm{ft} \cdot \mathrm{lb}$, in $\cdot \mathrm{lb}$
- advance warning points programmable for visual, tactile and acoustic signals
- backlit display aids evaluation of the tightening operation (traffic-light colours)
- insert tool lengths can be individually set
- maintenance friendly due to easy adjustment and automatic reminder of next calibration date
- repeated joints can be collated to form a single menu-guided sequence
- tightening jobs are stored with a timestamp
- individual identification markings possible
- password protection to prevent inadvertent changes and make the tool tamper-proof
- meets requirements of DKD-R 3-7, Class 2
- with 2 certificates (torque in accordance with DIN EN ISO 6789-2:2017/angle)
- in sturdy plastic box (size 40 in tough steel box)
- supplied with two 1.5 V AA batteries. AA/LR6, 1.2 V NiMH rechargeable cells may also be used
- fully automated calibration (torque) using perfectControl ${ }^{\circ}$ calibrating unit No 7794-2. Readjustment does not require disassembly.
- registered design
- display deviation value $\pm 1 \%$
- torque and angle are simultaneously visible
o convenient angle measurement across a very wide angle range

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| Code | size | لسلسا | لسلسا |  | mm | $\begin{gathered} \mathrm{b} \\ \mathrm{~mm} \end{gathered}$ | $\underset{\mathrm{mm}}{\mathrm{~h}}$ | $\begin{gathered} \mathrm{L} \\ \mathrm{~mm} \end{gathered}$ | $\begin{gathered} \mathrm{L}_{\mathrm{F}} \\ \mathrm{~mm} \end{gathered}$ | $\underset{\substack{\mathrm{S}_{\mathrm{F}} \\ \mathrm{~mm}}}{ }$ | $\stackrel{\sigma \theta}{g}$ | $\theta \theta \mathrm{g}$ with box |
| 96501606 | 6 | $3-60 \mathrm{~N} \cdot \mathrm{~m}$ | $2.5-44 \mathrm{ft} \cdot \mathrm{lb}$ | 3/8 | $9 \times 12$ | 33 | 24 | 378 | 299 | 17.5 | 856 | 1500 |
| 96501620 | 20 | 10-200 N.m | $7-148 \mathrm{ft} \cdot \mathrm{lb}$ | 1/2 | $14 \times 18$ | 43 | 26 | 608 | 524 | 25 | 1552 | 2430 |
| 96501640 | 40 | 20-400 N.m | $15-296 \mathrm{ft} \cdot \mathrm{lb}$ | 3/4 | 14×18 | 50 | 31.5 | 838 | 750 | 25 | 2332 | 5555 |

712R/6 Electronic SENSOTORK ${ }^{\ominus}$ torque wrench with reversible ratchet insert tool


