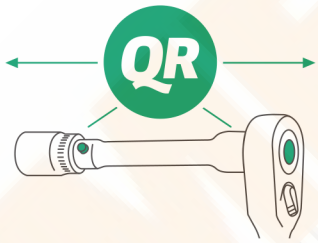
Small fits all.
SENSOTORK® 701.

Made in Germany

Working in confined spaces – and with very low torques? SENSOTORK® 701 is designed specifically for such cases. With its compact design and permanently installed fine-tooth ratchet, precise fastener tightening is no problem even in very tight spaces. The electronic torque wrench shows torques from 1 to 20 N·m with a display deviation of only ± 4% – and in combination with the SENSOMASTER software, the SENSOTORK® 701 can also be used with full logging capability.



SAFE.

The QuickRelease technology ensures tools cannot be inadvertently lost – while enabling rapid, safe tool changes.

COMPACT.

With a compact length of only 21 cm, it is ideally suited to safe, accurate work in confined spaces.

VERSATILE.

For torques from 1 to 20 N·m – the ideal choice for bolt tightening on modern materials such as plastic, carbon and aluminium, for state-of-the-art bicycles with carbon frames, for example.

INTUITIVE.

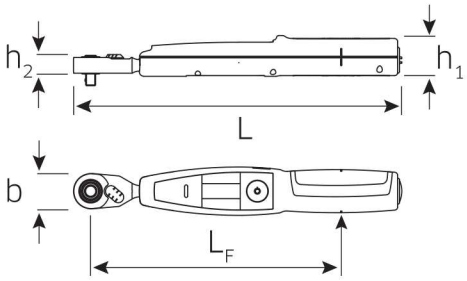
The required mode of operation (track, peak hold, user (fastener evaluation)) can be quickly and easily set using the single-button setting system.

EFFICIENT.

Eighty teeth provide a tight ratchet angle of only 4.5° – facilitating efficient working in confined spaces. In contrast to conventional fine-tooth ratchets, no less than eight teeth engage at once here, ensuring maximum load capacity and, at the same time, smooth action and durability.

701/2 Electronic torque wrench SENSOTORK® with permanently installed fine-tooth ratchet

- indicating
- slim, compact shape for smaller torques from 1 N·m upwards
- measuring units: N·m, cN·m, ft·lb, in·lb
- measurements independent of the point of application of force
- additional functions using SENSOMASTER 4 software (not included, free download at www.stahlwille.de):
  - adjustable joints
  - evaluation of tightening operation by means of coloured LEDs, buzzer and vibration
  - calibrating interval adjustable
  - logging function
- supplied with 3.6 V lithium battery, type 14500, packed in accordance with UN3091, Class 9
- calibration in conjunction with perfectControl® calibrating unit No 7794 or complete calibration system No 7706. Readjustment does not require disassembly
- certificate in accordance with DIN EN ISO 6789-2:2017
- in sturdy plastic box
- **display deviation value ± 4%**



Code					■ "	b mm	h_1 mm	h_2 mm	L mm	L_F mm	g	g with box
96504502	1-20 N·m	100-2000 cN·m	0.7-15 ft·lb	9-180 in·lb	1/4	22.6	26	10	210	160	145	710
96504602	1-20 N·m	100-2000 cN·m	0.7-15 ft·lb	9-180 in·lb	1/4	22.6	26	10	210	160	132	700

96 50 46 02 - As for 96 50 45 02, but without battery **(not hazardous)**

7761/3 Interface adaptor set

required for automated calibration and adjustment using calibrating and adjusting units perfectControl® No 7794-2 and 7794-3.

Contents:
- No 7761 interface adaptor
- No 7752 spiral cable
- No 7760 mains adaptor

Code	g
96521161	255

5

Note!

**Torque tightening tools are measuring instruments.
They must be regularly calibrated with suitable instruments and adjusted accordingly
(refer to DIN EN ISO 6789-1, 5.3 Conformance test during use
and DIN EN ISO 6789-2, 4.1 Calibration during use).**

A stroke of genius – with a logging function.
MANOSKOP® 730D.

Made in Germany

Tool owners wishing to combine the benefits of precision digital technology with the tried-and-tested mechanical torque wrench need look no further than the MANOSKOP® 730D. The patented electromechanical release triggers when the target torque is reached – and indicates this with a definite tactile signal and an audible click. In addition, the LC display gives a visual evaluation of the tightening action using different colours.

IDEAL.

After clicking, the MANOSKOP® 730D indicates the torque actually applied. As a result, the user has the opportunity to optimise his/her working methods.

Square drive for use with a wide range of different insert tools, including the 22 x 28 mm system for especially high torques.

ELECTROMECHANICAL.

The MANOSKOP® 730D has an electromechanical release and, in this way, combines precise, electronic measurement with the comforting, perceptible tactile signal when the target torque is reached.

OPTIONAL.

STAHLWILLE's optional SENSOMASTER software facilitates programming electronic torque wrenches and enables stored data to be read out.

QR

SAFE.

The QuickRelease technology ensures tools cannot be inadvertently lost – while enabling rapid, safe tool changes.

CONNECTING YOU NOW...

The stored tightening torques can be read out via the USB interface and then evaluated and documented in conjunction with the SENSOMASTER 4 software.

ERGONOMICALLY REFINED.

The 2-component grip lies comfortably in the hand even after several tightening actions due to its soft zone, but it is still resistant to oils, grease, fuels, brake fluids and Skydrol.

READER-FRIENDLY.

The LC display is easy to read and evaluates the fastener visually by means of coloured displays. All settings can be made quickly and easily using the keyboard, which uses only four keys.

Service work & series production MANOSKOP® 730D – indicating and click-type

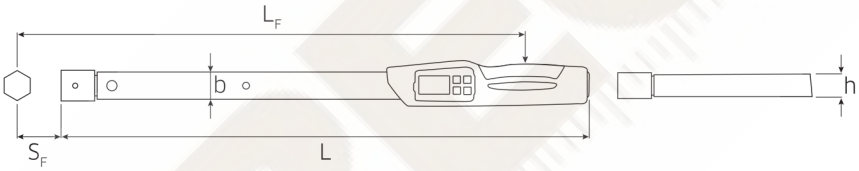
223-229

- tactile and acoustic trigger signal
- mount for interchangeable insert tools
- QuickRelease safety lock
- fast setting using convenient keypad
- automatic compensation to achieve correct tightening torque even if a changed extension is entered
- overload protection by means of acoustic and visual signals
- automatic keypad lock prevents inadvertent changes
- display also works for anticlockwise torque
- units of measurement: N·m, ft·lb, in·lb
- different tolerance limits can be set for each joint
- visual red and green signals in the display confirm the status of the joint
- additional security for presets (function mode, trigger or preset value, unit of measurement, tolerance, save, deviating extension) using PIN code
- up to 7.500 measurements can be stored
- USB interface
- automatic notification of the next calibration date
- calibration using perfectControl® calibrating unit No 7794 or calibration system No 7791
- two-component handle with ergonomically designed green softer layers (resistant to oils, grease, fuels, brake fluids and skydrol)
- certificate in accordance with DIN EN ISO 6789-2:2017
- in sturdy plastic box (sizes 40-100 in steel box)
- patent
- supplied with two 1.5 V AA batteries. AA/LR6, 1.2 V rechargeable cells may also be used
- **display deviation value ± 2%, ± 1 digit**

730D Service/series MANOSKOP® torque wrenches with mount for insert tools

730D/20

730D/80



Code	size				Setting/display resolution N·m	ft·lb	in·lb	mm	b mm	h mm	L mm	L_F mm	S_F mm	g	g with box
96501710	**10**	10-100 N·m	7.4-75 ft·lb	90-900 in·lb	0.2/0.1	0.2/0.1	2/1.0	9x12	28	23	467	426.5	17.5	1085	1510
96501720	**20**	20-200 N·m	15-150 ft·lb	180-1800 in·lb	0.5/0.1	0.5/0.1	5/1.0	14x18	28	23	548	515	25	1361	1896
96501740	**40**	40-400 N·m	30-300 ft·lb	360-3600 in·lb	1.0/0.1	1.0/0.1	10/1.0	14x18	28	23	688	655	25	3300	5155
96501765	**65** *	65-650 N·m	48-480 ft·lb	580-5800 in·lb	1.0/0.1	1.0/0.1	10/1.0	14x18	30.6	25.6	870	837	25	3300	6000
96501965	**II/65**	65-650 N·m	48-480 ft·lb	580-5800 in·lb	1.0/0.1	1.0/0.1	10/1.0	22x28	30.6	25.6	892	889	55	3224	7500
96502080	**80**	80-800 N·m	60-600 ft·lb	720-7200 in·lb	1.0/1.0	1.0/1.0	10/1.0	22x28	30.6	25.6	1160	1157	55	4577	10500
96502100	**100**	100-1000 N·m	74-750 ft·lb	900-9000 in·lb	1.0/1.0	1.0/1.0	10/1.0	22x28	30.6	25.6	1344	1341	55	4995	11000

* recommended ratchet insert tool No 735/40HD

730DR Service/series MANOSKOP® torque wrenches with reversible ratchet insert tool

730DR/20

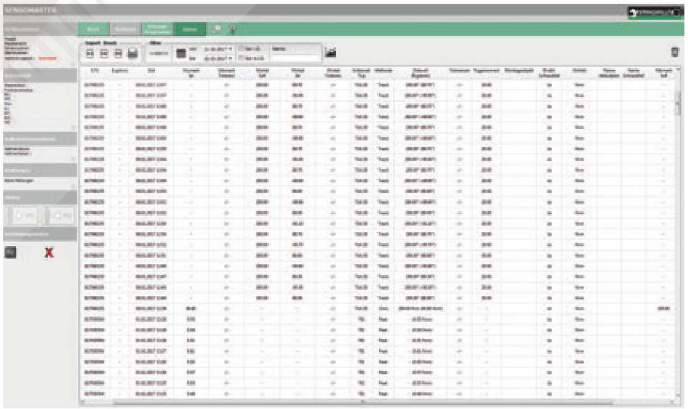
730DR/100

Code	size				Setting/display resolution N·m	ft·lb	in·lb	■ "	mm	L mm	g	g with box
96501810	**10**	10–100 N·m	7.4–75 ft·lb	90–900 in·lb	0.2/0.1	0.2/0.1	2/1.0	1/2	9x12	501	1232	1657
96501820	**20**	20–200 N·m	15–150 ft·lb	180–1800 in·lb	0.5/0.1	0.5/0.1	5/1.0	1/2	14x18	595	1663	2198
96501840	**40**	40–400 N·m	30–300 ft·lb	360–3600 in·lb	1.0/0.1	1.0/0.1	10/1.0	3/4	14x18	738	2232	4722
96501865	**65**	65–650 N·m	48–480 ft·lb	580–5800 in·lb	1.0/0.1	1.0/0.1	10/1.0	3/4	14x18	975	3767	6530
96502065	**II/65**	65–650 N·m	48–480 ft·lb	580–5800 in·lb	1.0/0.1	1.0/0.1	10/1.0	3/4	22x28	977	3994	9000
96501880	**80**	80–800 N·m	60–600 ft·lb	720–7200 in·lb	1.0/0.1	1.0/0.1	10/1.0	3/4	22x28	1255	6492	12500
96501800	**100**	100–1000 N·m	74–750 ft·lb	900–9000 in·lb	1.0/0.1	1.0/0.1	10/1.0	3/4	22x28	1439	6910	12500

7759-5 USB hub, jack cable and SENSOMASTER 4 software

- SENSOMASTER 4 - one software package for all electronic torque wrenches from STAHLWILLE
- self-explanatory thanks to intuitive GUI with clearly organised tabbed layout
- quick and easy programming for electronic torque wrenches
- enables comprehensive evaluations, for example in connection with quality assurance
- read out stored wrench data and joint readings:
  - joint identifier
  - tool serial number
  - date and time of tightening operation
  - target torque or target angle
  - torque level at which the tool cuts out
  - tightening torque or angle reached
  - tolerances
  - joint evaluation
- storage of joint data in a database
- delete or print highlighted joints from the database
- export displayed joint data to a range of file formats (*.XLS,*.CSV,*.ODG)
- user management
- define new PIN
- delete joint data stored in wrench

System requirements:
- PC
- from Microsoft Windows XP on
- USB connection



Code	L m	g
96583630	1.5	65

7751 Jack cable

- with jacks at both ends, 90° angled

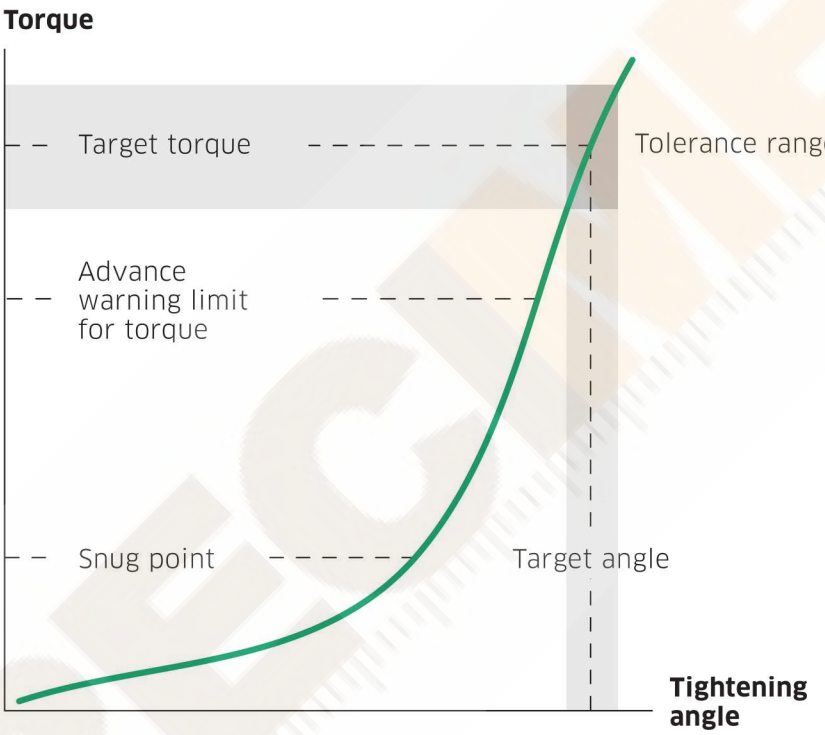
Code	L m	g
52110051	1.5	50

7757-1 USB adaptor

Code	g
52111057	10

For absolute accuracy.
STAHLWILLE torque angle/torque wrenches.

For high-accuracy applications – Category A bolted connections, for example – just checking the torque is not enough. As well as the torque, it is crucial to tighten to the correct tightening angle.



The torque reading specifies how much force was applied to tighten a fastener. For many applications, this is perfectly good enough. However, in certain cases, the additional measure of accuracy is an essential requirement. The tightening force that is generated between the workpieces in a bolted joint has to be exactly adhered to: if the force is too great, there is a risk of breakage. If it is too low, on the other hand, the connection will not be firm enough and may lead to failure in the assembly under normal operation conditions. Since the tension is dependent on the tightening torque and the angle, measuring equipment that can measure both quantities exactly is required. For applications of this kind, STAHLWILLE has precisely the solutions industry needs.

MANOSKOP® 714
>> 216

SENSOTORK® 713R
>> 220

ACCURATE.

Accuracy counts – uncertainty is reduced to a minimum to guarantee accurate readings.

EFFICIENT.

Easily readable displays and automatic switch-over to angle-controlled measurement once the target tightening torque has been reached – key features in efficient, safe work practice.

SAFE.

Increased fastener quality – including the angle of turn as the second measured quantity makes the bolted joint even more secure.

AUDITED.

All our angle-controlled torque wrenches have a logging function. Using the corresponding software (this is an optional extra), it is possible to read out programmed, stored readings and archive them on the PC – for example by the serial number of the tool, date and timestamp of the tightening operation, target torque and angle and the torques and angles actually recorded.

ECONOMICAL.

Thanks to the considerably extended measuring ranges, every angle-controlled torque wrench can replace as many as four mechanical torque wrenches (two indicating and two clicking), which simultaneously reduces the costs of maintenance, calibration and adjustment. All these models are suitable for clockwise and anticlockwise tightening.

Simply special.
MANOSKOP® 714.

Made in Germany

As an electromechanical torque wrench, the MANOSKOP® 714 delivers the best of both worlds. Users benefit from precise, electronic tracking, but also feel and hear the familiar »click« of mechanical torque wrenches. The result of the tightening action is evaluated visually on the high-resolution OLED display and lateral LEDs and is indicated acoustically. The menu is intuitive to use and can be freely configured. As one would expect, the MANOSKOP® 714 is capable of logging tightening actions, indicates in both anticlockwise and clockwise directions and clicks in a clockwise direction.

ACCURATE.

Display deviation value ± 2% for torque and ± 1% for angle. All readings are independent of the point of application of force (with sizes 1, 2 and 4).

Optional rechargeable lithium-ion batteries with 2600 mAh and a corresponding charger cradle ensure the tool is always ready for use.

HD DISPLAY.

High-definition colour display providing a reading angle up to 170° and with additional side-mounted indicator lamps. Yellow lamp: advance warning threshold reached, green lamp: within the target range, red lamp: reading is outside the tolerance range.

MADE TO MEASURE.

Four measuring modes (torque, angle, torque backed up by angle, angle backed up by torque).

VERSATILE.

Three function modes: first peak, peak (indicating mode) and track (indicating mode).

CONNECTING YOU NOW...

Micro-USB interface for quick connection to a PC.

INDIVIDUAL.

Individually configurable menus. Includes SENSOMASTER software for easy configuration of the tool.

SIMPLE.

Smooth-action bayonet connection on battery compartment. Can optionally be equipped with Li-Ion battery 7195-2.

MANOSKOP® 714 – indicating and click-type Electromechanical angle-controlled torque wrench

- 4 measuring modes (torque, angle, torque backed up by angle, angle backed up by torque)
- high-definition colour display with additional side-mounted indicator lamps
- freely configurable menu structure
- optionally: Li-ion battery No 7195-2 and charger No 7160
- 3 function modes: cut-out, peak hold (indicating mode with peak value) and track (indicating mode with current value)
- micro USB interface
- bayonet connection for battery compartment
- QuickRelease safety lock change system for insert tools 223-229
- data storage (≤ 2500 tightening jobs)
- as many as 200 joints can be programmed in up to 25 preset sequences
- different tolerance limits can be set for each joint
- acoustic and visual assessment of the joint
- rapid, accurate setting via keypad
- the automatic keypad lock prevents inadvertent changes
- overload protection by means of acoustic and visual signals and a fail-safe system (clockwise)
- automatic notification of the next calibration date, either by the number of joints or the time interval
- fully automated calibrating and adjusting using the perfectControl® calibrating and adjusting unit No 7794-2 (torque) or 7794-3 (torque and angle)
- units of measure: N·m, ft·lb, in·lb
- tightening torque is automatically corrected if a deviating extension is entered
- immediately reusable after release
- clockwise and anticlockwise tightening – it may be necessary to refit the insert tool rotated through 180° for anticlockwise tightening in the cut-out mode
- tactile and acoustic trigger signal
- torque and angle are simultaneously visible
- all readings are independent of the point of application of force (with sizes 1, 2 and 4)
- safe handling due to ergonomically designed handle (resistant to oils, grease, fuels, brake fluid and skydrol)
- 3 certificates (torque indicating/clicking in accordance with DIN EN ISO 6789-2:2017, angle)
- in sturdy plastic box (size 40-100 in steel box)
- design patent, patent
- supplied with SENSOMASTER 4 software, USB cable, 4 AAA/LR03 micro-batteries, 1.5 V. AAA, 1.2 V, micro NiMH rechargeable batteries can be used
- display resolution, angle 0.1°
- **display deviation value, angle ±1%, ±1 digit**
- display resolution, torque ≤ 60 N·m: 0.01 N·m; > 60 N·m: 0.1 N·m
- **display deviation value, torque ±2%, ±1 digit**

714 MANOSKOP® tightening angle torque wrenches with mount for insert tools

product design award 2013


714/2


714/20


714/80

Code	size				mm	b mm	h mm	L mm	L_F mm	S_F mm	g	g with box
96500901	**1**	1-10 N·m	0.7-7.5 ft·lb	9-90 in·lb	9x12	28	23	226	188	17.5	370	795
96500902	**2**	2-20 N·m	1.5-15 ft·lb	18-180 in·lb	9x12	28	23	226	188	17.5	380	805
96500904	**4**	4-40 N·m	3-30 ft·lb	36-360 in·lb	9x12	28	23	252	214	17.5	420	845
96500906	**6**	6-60 N·m	4.5-45 ft·lb	54-540 in·lb	9x12	28	23	393	355	17.5	810	1235
96500910	**10**	10-100 N·m	7.4-75 ft·lb	90-900 in·lb	9x12	28	23	466	428	17.5	1085	1655
96500920	**20**	20-200 N·m	15-150 ft·lb	180-1800 in·lb	14x18	28	23	547	516	25	1361	1896
96500940	**40**	40-400 N·m	30-300 ft·lb	360-3600 in·lb	14x18	28	23	687	656	25	1765	5155
96500965	**65**	65-650 N·m	48-480 ft·lb	580-5800 in·lb	22x28	30.6	25.6	890	890	55	3222	7000
96500980	**80**	80-800 N·m	60-600 ft·lb	720-7200 in·lb	22x28	30.6	25.6	1158	1158	55	4572	10400
96501100	**100**	100-1000 N·m	74-750 ft·lb	900-9000 in·lb	22x28	30.6	25.6	1343	1343	55	4990	10500

714R MANOSKOP® tightening angle torque wrenches with reversible ratchet insert tool

714R/2

714R/20

714R/80

Code	size				■ "	mm	L mm	g	g with box
96501001	**1**	1–10 N·m	0.7–7.5 ft·lb	9–90 in·lb	1/4	9x12	269	432	857
96501002	**2**	2–20 N·m	1.5–15 ft·lb	18–180 in·lb	1/4	9x12	269	442	867
96501004	**4**	4–40 N·m	3–30 ft·lb	36–360 in·lb	1/4	9x12	295	482	907
96501006	**6**	6–60 N·m	4.5–45 ft·lb	54–540 in·lb	3/8	9x12	427	965	1390
96501010	**10**	10–100 N·m	7.4–75 ft·lb	90–900 in·lb	1/2	9x12	500	1232	1657
96501020	**20**	20–200 N·m	15–150 ft·lb	180–1800 in·lb	1/2	14x18	594	1663	2198
96501040	**40**	40–400 N·m	30–300 ft·lb	360–3600 in·lb	3/4	14x18	737	2275	5665
96501065	**65**	65–650 N·m	48–480 ft·lb	580–5800 in·lb	3/4	22x28	980	5137	9000
96501080	**80**	80–800 N·m	60–600 ft·lb	720–7200 in·lb	3/4	22x28	1253	6487	12300
96501100	**100**	100–1000 N·m	73–735 ft·lb	885–8850 in·lb	3/4	22x28	1438	6905	12500

7195-2 Li-ion battery for No 714

- max. charge voltage 4.2 V
- capacity 2600 mAh
- hazardous goods: Rechargeable Li-ion battery according to UN 3480, Class 9

Code	g
54101195	74

7160 Charging dock for Li-ion battery No 7195-2

- including charger
- Input: 100 V-240 V AC
- Output: 4.2 V DC
- charge duration: 4 hrs.
- with interchangeable socket adaptors

Code	g
54100060	440

7761/3 Interface adaptor set

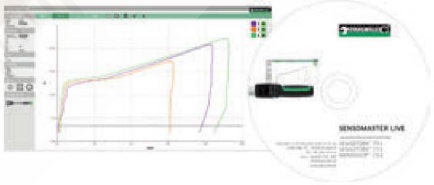
required for automated calibration and adjustment of angle-controlled torque wrench No 714 using calibrating and adjusting units perfectControl® No 7794-2 and 7794-3.

Contents:
- No 7761 interface adaptor
- No 7752 spiral cable
- No 7760 mains adaptor

Code	g
96521161	255

7732-2 SENSOMASTER Live software

- record torqueing operations with the MANOSKOP® 714, SENSOTORK® 713R (from firmware 4.x) and SENSOTORK® 701
- representation of torque over time, angle over time, torque over angle
- representation of several curves simultaneously
- data export for further processing
- the software is for a single-seat licence
- torque wrenches 714/1 … /100 must have firmware version 02.01.02



Code	g
96585235	111

7762 Docking station for No 714

- stationary base for securely connecting angle-controlled torque wrench No 714 to a PC via a USB port

Code	g
52110062	440

7762-1 Rest for docking station No 762

- for securely supporting long angle-controlled torque wrenches No 714 from size 6 up

Code	g
52110162	475

The torque angle specialist.
SENSOTORK® 713R.

Made in Germany

When it comes to prescribed tightening using the torque angle, SENSOTORK® 713R is the ideal tool. This tightening angle torque wrench for clockwise and anticlockwise operation boasts a particularly flexible measuring range and measures the angle and torque applied irrespective of the point of application of force. In this way it prevents human error. In addition, there is a display deviation of only ± 1° for the angle of rotation and ± 1% for the torque.

EXACT.

With a display deviation value of only ± 1%, the SENSOTORK® 713R is the champion in the STAHLWILLE range.

Easy extension setting. Where the insert tool requires an extension adjustment, simply enter the new value – recalculation using formulae is not necessary.

MULTISENSORY.

The torque achieved is indicated by visual, audible and tactile signals – with a multicoloured backlit LED display, acoustic signal and vibration.

SIMPLE.

Preset individual fasteners and program complex sequences – whether on the PC or on the tool itself using the display and function keys.

UNCOMPLICATED.

Operator guidance and the menu structure are intuitive – arrow keys simplify operation.

SAFE.

The QuickRelease interlock technology ensures tools cannot be inadvertently lost – while enabling rapid, safe tool changes.

LOGGING FUNCTION.

Comprehensive documentation options. As many as 2000 tightening actions can be stored with timestamps.

CONNECTING YOU NOW...

Set the parameters for the torque wrench or read out the stored data. This is a simple matter using the USB interface together with the optional SENSOMASTER software.

Electronic angle-controlled torque wrenches SENSOTORK® 713R and electronic torque wrench SENSOTORK® 712R

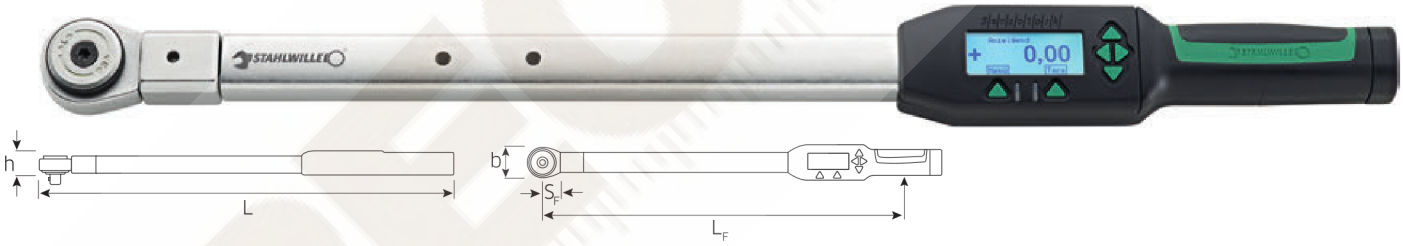
- simple, flexible operation thanks to operator guidance on large-format display
- very broad measuring range (5% to 100% of rated value)
- supplied with insert tool reversible ratchet
- more insert tools
- QuickRelease safety lock
- for clockwise and anticlockwise torquing
- measurements independent of the point of application of force
- units of measurement: N·m, ft·lb, in·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

223-229

- 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® calibrating unit No 7794-2. Readjustment does not require disassembly.
- registered design
- **display deviation value ± 1%**

713R Electronic SENSOTORK® tightening angle torque wrenches with reversible ratchet insert tool

- torque and angle are simultaneously visible
- convenient angle measurement across a very wide angle range
- **display deviation value, angle ±1%, ±1 digit**



Code	size			■ "	mm	b mm	h mm	L mm	L_F mm	S_F mm	g	g with box
96501606	**6**	3–60 N·m	2.5–44 ft·lb	3/8	9x12	33	24	378	299	17.5	856	1500
96501620	**20**	10–200 N·m	7–148 ft·lb	1/2	14x18	43	26	608	524	25	1552	2430
96501640	**40**	20–400 N·m	15–296 ft·lb	3/4	14x18	50	31.5	838	750	25	2332	5555

712R/6 Electronic SENSOTORK® torque wrench with reversible ratchet insert tool

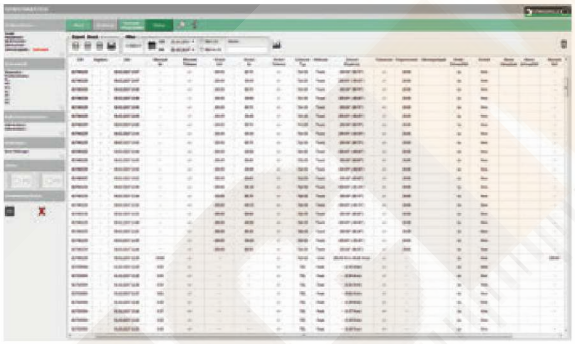
Code			■ "	mm	b mm	h mm	L mm	L_F mm	S_F mm	g	g with box
96501506	3–60 N·m	2.5–44 ft·lb	3/8	9x12	33	24	378	299	17.5	856	1500

Accessories for electronic angle-controlled torque wrench Sensotork® No 713R and electronic torque wrench SENSOTORK® No 712R

7759-5 USB hub, jack cable and SENSOMASTER 4 software

- SENSOMASTER 4 - one software package for all electronic torque wrenches from STAHLWILLE
- self-explanatory thanks to intuitive GUI with clearly organised tabbed layout
- quick and easy programming for electronic torque wrenches
- enables comprehensive evaluations, for example in connection with quality assurance
- read out stored wrench data and joint readings:
  - joint identifier
  - tool serial number
  - date and time of tightening operation
  - target torque or target angle
  - torque level at which the tool cuts out
  - tightening torque or angle reached
  - tolerances
  - joint evaluation
- storage of joint data in a database
- delete or print highlighted joints from the database
- export displayed joint data to a range of file formats (*.XLS,*.CSV,*.ODG)
- user management
- define new PIN
- delete joint data stored in wrench

System requirements:
- PC
- from Microsoft Windows XP on
- USB connection



Code	L m	g
96583630	1.5	65

7751 Jack cable

- connection between transducers 7721-7724 and USB adaptor or display unit
- with jacks at both ends, 90° angled

Code	L m	g
52110051	1.5	50

7757-1 USB adaptor

Code	g
52111057	10