

## Torque tools

### Service MANOSKOP® 730N

- click-type
- the measuring element is only under load while force is being applied, no need for manual reset to zero
- fast, accurate setting thanks to QuickSelect quick-action adjuster
- dual stop signal
- easy-to-read double scale with colour coding to differentiate between N·m/ft·lb and ft·lb/in·lb scales
- any force applied to the tool after the 'click' or applied in the opposite direction to the current function – e.g. forcible loosening of a jammed screw - does not act on the trigger mechanism and cannot cause damage to it
- two-component handle with ergonomically designed green softer layers (resistant to oils, grease, fuels, brake fluids and skydrol)
- calibration using perfectControl® calibrating unit No 7794 or calibration system No 7706. Readjustment does not require disassembly.
- certificate in accordance with DIN EN ISO 6789-2:2017
- supplied in textile bag (from size 65)
- registered design

#### 730N Service MANOSKOP® torque wrenches with mount for insert tools

- mount for interchangeable insert tools
- QuickRelease safety lock

223-229

- can be applied for either clockwise or anticlockwise tightening by turning the inserts over
- display deviation value  $\pm 3\%$  (size 2; a/2 4%)

730N/10



730N/80



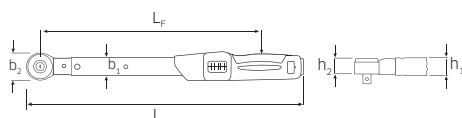
Code	size					Fine scale		b mm	h mm	L mm	L <sub>F</sub> mm	S <sub>F</sub> mm	Δ <sub>g</sub>
50181102	2	4-20 N·m	40-180 in·lb	1 N·m	10 in·lb	0.2 N·m		28	23	275	226	17.5	737
50181005	5	10-50 N·m	7-37 ft·lb	5 N·m	1 ft·lb	0.25 N·m		28	23	330	280.5	17.5	831
50181010	10	20-100 N·m	15-75 ft·lb	10 N·m	2.5 ft·lb	0.5 N·m		28	23	386	336	17.5	988
50181012	12	25-130 N·m	20-95 ft·lb	10 N·m	2.5 ft·lb	0.5 N·m		28	23	421	379	25	1128
50181020	20	40-200 N·m	30-150 ft·lb	10 N·m	5 ft·lb	1 N·m		28	23	467	424.5	25	1264
50181040	40	80-400 N·m	60-300 ft·lb	20 N·m	10 ft·lb	2 N·m		28	23	607	564.5	25	1655
50181065	65*	130-650 N·m	100-480 ft·lb	50 N·m	20 ft·lb	2.5 N·m		30.6	25.6	890	848	25	3231
50181365	II/65	130-650 N·m	100-480 ft·lb	50 N·m	20 ft·lb	2.5 N·m		30.6	25.6	911	900	55	3504
50181080	80	160-800 N·m	120-600 ft·lb	100 N·m	25 ft·lb	5 N·m		30.6	25.6	1178	1167	55	4825
50181100	100	200-1000 N·m	150-750 ft·lb	100 N·m	25 ft·lb	5 N·m		30.6	25.6	1363	1352	55	5000
50581102	a/2	40-180 in·lb	3-15 ft·lb	10 in·lb	0.5 ft·lb	2 in·lb		28	23	275	226	17.5	737
50581005	a/5	90-450 in·lb	7-37 ft·lb	50 in·lb	1 ft·lb	2.5 in·lb		28	23	330	280.5	17.5	831
50581010	a/10	180-900 in·lb	15-75 ft·lb	100 in·lb	2.5 ft·lb	5 in·lb		28	23	386	336	17.5	988
50581020	a/20	350-1800 in·lb	30-150 ft·lb	100 in·lb	5 ft·lb	10 in·lb		28	23	467	424.5	25	1264
50581040	a/40	60-300 ft·lb	800-3600 in·lb	20 ft·lb	100 in·lb	2 ft·lb		28	23	607	564.5	25	1655

\* recommended ratchet insert tool No 735/40HD

#### 730NR Service MANOSKOP® torque wrenches with permanently installed fine-tooth ratchet

- in sturdy plastic box (size 65 in steel box)

- deviation of indication  $\pm 4\%$



Code	size					Fine scale	"	b <sub>1</sub> mm	b <sub>2</sub> mm	h <sub>1</sub> mm	h <sub>2</sub> mm	L mm	L <sub>F</sub> mm	Δ <sub>g</sub>	Δ <sub>g</sub> with box
96503105	5 FK	10-50 N·m	7-37 ft·lb	5 N·m	1 ft·lb	0.25 N·m	3/8	28	33	23	24	364	280.5	973	1763
96503110	10 FK	20-100 N·m	15-75 ft·lb	10 N·m	2.5 ft·lb	0.5 N·m	1/2	28	33	23	24	420	336.5	1146	1934
96503120	20 FK	40-200 N·m	30-150 ft·lb	10 N·m	5 ft·lb	1 N·m	1/2	28	43	23	26	513.5	425	1583	2370
96502140	40 FK	80-400 N·m	60-300 ft·lb	20 N·m	10 ft·lb	2 N·m	3/4	28	50	23	31.5	657	564.5	2122	2657
96502265	65 FK-HD	130-650 N·m	100-480 ft·lb	50 N·m	20 ft·lb	2.5 N·m	3/4	30.6	58	25.6	36	944	848	3698	6188