

### MANOSKOP® 71

209-  
215

- indicating type
- mount for interchangeable shell tools
- all 14 x 18 mm insert tools can also be used with insert tool adaptor No 7370/80 (M 650 N·m)
- trailing pointer dial
- twin scales N·m/ft·lb
- scale is made of luminescent light yellow special film enabling clear readings even in poor light conditions
- handle with integrated force compensator

- measuring element is a bending plate housed in the handle
- with overload protection
- can be applied for either clockwise or anticlockwise tightening by turning the wrench over
- calibration using perfectControl calibrating unit No 7794 or calibration system No 7706. Adjustment without disassembly.
- with certificate
- display deviation value  $\pm 4\%$

71/80

MANOSKOP® torque wrench with dial gauge and mount for shell tools



Code	mm	mm	mm	mm	mm	b mm	h mm	L mm	L <sub>F</sub> mm	S <sub>F</sub> mm	g
50 03 00 80	160-800 N·m	120-600 ft·lb	10 N·m	10 ft·lb	24,5x28	28	24	1048	1050	95	2360

### MANOSKOP® 71 with permanently installed reversible ratchet

- indicating type
- trailing pointer dial
- twin scales N·m/ft·lb
- scale is made of luminescent light yellow special film enabling clear readings even in poor light conditions
- additional protection for the gauge by the protective ring

- handle with integrated force compensator
- not for anticlockwise measurement
- calibration using perfectControl calibrating unit No 7794 or calibration system No 7706. Adjustment without disassembly.
- with certificate
- display deviation value  $\pm 4\%$

71aR/80

MANOSKOP® torque wrench with dial gauge and permanently installed ratchet

Code	mm	mm	mm	mm	mm	b mm	h mm	L mm	L <sub>F</sub> mm	g
50 45 00 80	100-600 ft·lb	160-800 N·m	10 ft·lb	10 N·m	3/4	70	30	1152	1060	4280

### Friction gauge

- indicating type
- permanently installed square drive for clockwise use
- trailing pointer dial

- no “needle wobble” during measurements
- lighter construction due to use of aluminium
- with certificate
- display deviation value  $\pm 4\%$

73Nm/15

Friction gauge

Code	mm	mm	mm	b mm	h mm	L mm	L <sub>F</sub> mm	S <sub>F</sub> mm	g
50 24 00 15	2-15 N·m	0.5 N·m	1/2	72	50	298.5	250	0	775