



Professional Torque Wrench Models 650 - 1500

- Accuracy of $\pm 3\%$ of reading.
- Traceable calibration certificate supplied.
- Non length dependent. Extension handle can be used to reduce operator effort (handle supplied as standard with Model 800, 1000 and 1500).
- Positive 'click' can be heard, seen and felt.
- Low weight - Model 1000 just 5.8kg.
- Long scale length in N.m and lbf.ft allows error free setting.
- Fine 60 tooth ratchet allows the wrench to be used in confined areas.
- Supplied in carry case for storage and protection.



Extension Handle Part No. 14142 - supplied as standard with Models 800 to 1500

Ratchet Adjustables

Model	Square Drive	Part No.	Range		Ratchet Diameter	Engagements per revolution	Length	Length inc ext handle	Weight*
	in		N.m	lbf.ft	mm		mm	mm	Kg
650	$\frac{3}{4}$	14037	130 – 650	100 – 480	61	60	886	-	4.0
800	$\frac{3}{4}$	14015	200 – 800	150 – 600	75	60	1035	1535	5.2
800	1	14016	200 – 800	150 – 600	75	60	1035	1535	5.2
1000	$\frac{3}{4}$	14002	300 – 1000	220 – 750	75	60	1250	1750	5.8
1000	1	14003	300 – 1000	220 – 750	75	60	1250	1750	5.8
1500	$\frac{3}{4}$	14004	500 – 1500	370 – 1100	75	60	1570	2070	6.7
1500	1	14005	500 – 1500	370 – 1100	75	60	1570	2070	6.7

*Weight excluding extension handle. Extension handle, length 700 mm, weight 1.6 kg



Adjustable Torque Handles

Model	End Fitting	Part No.	Range		Length mm	Weight Kg
			N.m	lbf.ft		
650 TH	14x18mm Female	14041	130 – 650	100 – 480	831	3.6
650 TH	22mm Male	14040	130 – 650	100 – 480	821	3.6

Available Fittings

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Torque Handles Production 'P' Type

Model	End Fitting	Part No.	Range		Length mm	Weight Kg
			N.m	lbf.ft		
650THP	14x18mm Female	14043	130 – 650	100 – 480	831	3.6
650THP	22mm Male	14042	130 – 650	100 – 480	821	3.6



End Cap Kit and Locking Tool
Part No. 14166

Ratchet Torque Wrench Production 'P' Type

Model	Square Drive	Part No.	Range		Ratchet Diameter	Engagements per revolution	Length	Length inc ext handle	Weight*
	in		N.m	lbf.ft	mm		mm	mm	
650 'P'	3/8	14039	130 – 650	100 – 480	61	60	886	-	4.0
800 'P'	3/8	14017	200 – 800	150 – 600	75	60	1035	1535	5.2
800 'P'	1	14018	200 – 800	150 – 600	75	60	1035	1535	5.2
1000 'P'	3/8	14007	300 – 1000	220 – 750	75	60	1250	1750	5.8
1000 'P'	1	14008	300 – 1000	220 – 750	75	60	1250	1750	5.8
1500 'P'	3/8	14009	500 – 1500	370 – 1100	75	60	1570	2070	6.7
1500 'P'	1	14010	500 – 1500	370 – 1100	75	60	1570	2070	6.7

*Weight excluding extension handle. Extension handle, length 700 mm, weight 1.6 kg