

Industrial Torque Wrench Adjustable Models

- Robust construction gives accurate results, to $\pm 4\%$, even in arduous working conditions.
- Every wrench supplied with a calibration certificate to satisfy requirements of ISO 9000:2000.
- The large break angle improves accuracy by reducing the possibility of over torquing.
- Cam control of the mechanism gives a controlled break which will not throw the operator off balance.
- Dual scaled, N.m and lbf.ft.
- All models also available with 1" square drive.



Adjusting Scale



Ratchet Adjustables

Model	Square Drive	Part Code	Range		Ratchet Diameter	Engagements per revolution	Length	Weight
	in*		N.m	lbf.ft	mm		mm	Kg
3AR	3/4	12001	100 – 500	70 – 350	70	48	915	5.2
4R	3/4	12006	150 – 700	100 – 500	70	48	1090	6.3
4AR	3/4	12007	200 – 800	150 – 600	70	48	1140	6.4
5R	3/4	12009	300 – 1000	200 – 750	70	48	1470	7.3
5AR	3/4	12012	700 – 1500	500 – 1000	70	48	1470	10.4

* 1" square drive versions are also available. Part Code becomes 12001.01 etc

Industrial Torque Wrench Torque Handles and Production 'P' Type Models

- Robust construction gives accurate results, to $\pm 4\%$, even in arduous working conditions.
- Every adjustable wrench supplied with a calibration certificate to satisfy requirements of ISO 9000:2000.
- 'P' Type Wrenches can be set by the factory or distributor on request. Part code SQ2222.
- The break angle improves accuracy by reducing the possibility of over torquing.
- All models listed are also available as Production 'P' types with no setting scale. These must be set against a torque testing device such as Norbar's Professional Torque Tester. See page 62.



Adjustable and Production 'P' Type Torque Handles

Model	End Fitting	Part Code	Range		Length mm	Weight Kg
			N.m	lbf.ft		
4 TH	22mm Spigot	12003	130 - 550	100 - 400	915	4.6
4 THP	22mm Spigot	12017	130 - 550	100 - 400	915	4.6

Available Fittings

See page 23



Ratchet Torque Wrench Production 'P' Type

Model	Square Drive	Part Code	Range		Ratchet Diameter mm	Engagements per revolution	Length	Weight
	in*		N.m	lbf.ft			mm	Kg
3AR	$\frac{3}{4}$	12015	100 - 500	70 - 350	70	48	915	5.2
4R	$\frac{3}{4}$	12020	150 - 700	100 - 500	70	48	1090	6.3
5R	$\frac{3}{4}$	12023	300 - 1000	200 - 750	70	48	1470	7.3
5AR	$\frac{3}{4}$	12002	700 - 1500	500 - 1000	70	48	1470	10.4



'P' Type - Sealed Adjustment

* 1" square drive versions are also available. Part Code becomes 12023.01 etc