

HSD

Hand Multiplier - Sensor Controlled



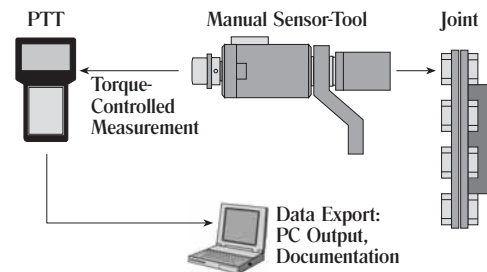
HSD
Hand Multiplier
Sensor Controlled

Model	Item #	Torque Ranges	
		lbf.ft	N.m
HSD 50	213946	37 - 368	50 - 500
HSD 100	213947	74 - 737	100 - 1000
HSD 200	213948	148 - 1475	200 - 2000
HSD 300	213949	222 - 2212	300 - 3000
HSD 400	213942	295 - 2950	400 - 4000
HSD 600	213950	443 - 4425	600 - 6000
HSD 800	213952	590 - 5900	800 - 8000
HSD 1000	213953	737 - 7375	1000 - 10000
HSD 2250	213951	1660 - 16595	2250 - 22500



PTT - Bolt Audit Model

Sold Separately
Item #072995



KEY FEATURES

Accuracy better than $\pm 1\%$.

Hand Multiplier with built-in transducer.

Torque and Angle can be monitored or pre-set using the PTT inconjunction with the transducerized multiplier.

Precision tightening and loosening of all heavy duty fastening connections.

Low energy input with high torque output.

Export data to a PC for documentation control with PTT.

Using the PTT-2000 Bolt Audit Model with HSD, the system is designed for auditing a fastener for a test such as determining relaxation after a fastener has been tightened. The purpose of the bolt audit function is to report the degree of movement from the initial torque threshold to the final torque threshold. The PTT will display the final torque threshold and the total angle displacement, which has occurred from the initial torque threshold and final torque threshold.

For operation in combination with a torque wrench.

DIMENSIONS and WEIGHT

Model	Male Output Square Drive	Splines		Length		Weight lbs.**
		Dia. mm	D2 mm	in.	mm	
HSD 50	3/4"	41	85	8.7	220	12.3
HSD 100	1"	54	85	8.7	220	16.5
HSD 200	1"	54	85	11.6	295	17.6
HSD 300	1"	72	98	12.5	320	22
HSD 400	1 1/2"	72	98	12.5	320	23.1
HSD 600	1 1/2"	72	123	16.9	430	41.8
HSD 800	1 1/2"	72	148	16.9	430	44
HSD 1000	1 1/2"	91	173	17.3	440	70.5
HSD 2250	2 1/2"	*	275	20	510	137

*All models supplied with Reaction Foot, except HSD 2250 supplied with Reaction Ring.
**Weights do not include reaction device.



RENTAL!

The HSD is part of our Rental Program. Ask a customer service representative about availability.