



扭矩扳手

产品特点

- 耐用，符合人体工程学的设计
- 质量轻，强度高
- 整体测量精度高
- 兼容大部分的应变仪与数采
- 舒适的泡沫握柄
- 具有多种尺寸与多种量程
- 选配三色LED信号灯，分别显示极限、高或低量程测量

应用

- 安装扭矩检查
- 螺栓连接故障诊断
- 高精度的总装



RS科技是PCB® Load & Torque的一个分部。HT7000系列电子扭矩扳手质量轻，耐用，可用于苛刻的工业环境中。安装头部体积小，可用于非常狭小的空间装配。泡沫握柄让操作更加舒适。HT7000系列电子扭矩扳手可选配三色LED信号灯，同时可以配合920便携式数字表使用。

RS科技还提供扭矩与力传感器的标定服务，标定实验室通过了A2LA的授权，位于密西根州的法明顿。

PCB® 提供无与伦比的技术支持和服务，包括免费的客服电话咨询、24小时传感器热线、遍布全球的分销网络。众多服务只为确保客户100%的满意。





HT7000系列扭矩扳手

标准扭矩扳手

型号	量程	尺寸	长度	重量
027025-04021	20 lbf-in 2.3 Nm	¼-inch Hex	6.25 in 159 mm	4.8 oz 136 gm
027025-04061	60 lbf-in 6.8 Nm	¼-inch Hex	6.25 in 159 mm	4.8 oz 136 gm
027125-04051	50 lbf-in 5.6 Nm	¼-inch Square	8.00 in 203 mm	11.2 oz 318 gm
027125-04012	100 lbf-in 11.4 Nm	¼-inch Square	8.00 in 203 mm	11.2 oz 318 gm
027137-04022	200 lbf-in 22.7 Nm	⅜-inch Square	12.00 in 305 mm	12.8 oz 363 gm
027137-04051	50 lbf-ft 67.8 Nm	⅜-inch Square	12.00 in 305 mm	12.8 oz 363 gm
027250-04101	100 lbf-ft 135.6 Nm	½-inch Square	21.00 in 540 mm	1.8 lb 816 gm
027250-04201	200 lbf-ft 271.2 Nm	½-inch Square	21.00 in 540 mm	1.8 lb 816 gm
027250-04301	300 lbf-ft 407.0 Nm	½-inch Square	28.00 in 711 mm	3.2 lb 1.5 kg
027375-04501	500 lbf-ft 678.0 Nm	¾-inch Square	44.00 in 1118 mm	6.5 lb 3.0 kg
027375-04601	600 lbf-ft 813.6 Nm	¾-inch Square	44.00 in 1118 mm	6.5 lb 3.0 kg

带LED灯扭矩扳手

型号	量程	尺寸	长度	重量
027125-03012	100 lbf-in 11.4 Nm	¼-inch Square	8.00 in 203 mm	11.2 oz 318 gm
027137-03022	200 lbf-in 22.7 Nm	⅜-inch Square	12.00 in 305 mm	12.8 oz 363 gm
027137-03051	50 lbf-ft 67.8 Nm	⅜-inch Square	12.00 in 305 mm	12.8 oz 363 gm
027250-03101	100 lbf-ft 135.6 Nm	½-inch Square	21.00 in 540 mm	1.8 lb 816 gm
027250-03201	200 lbf-ft 271.2 Nm	½-inch Square	21.00 in 540 mm	1.8 lb 816 gm
027250-03301	300 lbf-ft 407 Nm	½-inch Square	28.00 in 711 mm	3.2 lb 1.5 kg
027375-03501	500 lbf-ft 678 Nm	¾-inch Square	44.00 in 1118 mm	6.5 lb 3.0 kg

技术规格

灵敏度	2 mV/V $\leq 0.25\%$ FS
分流校准	2 mV/V with 43.575 kOhm Precision Resistor
可交换性	Matched for mV/V and Shunt Calibration $\leq 0.3\%$ FS
过载	150% FS
非线性	$\leq 0.25\%$ FS
迟滞	$\leq 0.25\%$ FS
激励电压	10 VDC Maximum
桥路电阻	350 Ohm Ω
补偿温度范围	+70 - +150 °F +21 - +66 °C
工作温度范围	0 - +200 °F -18 - +93 °C
零点漂移	$\pm 0.01\%$ FS/°F $\pm 0.018\%$ FS/°C
输出漂移	$\pm 0.001\%$ Reading/°F $\pm 0.0018\%$ Reading/°C
接头	PT02H-8-4P

提供附件

校准电阻, A2LA标定报告

推荐附件

Model 920 Portable Digital Transducer Instrument	080920-01000
Standard Hand Torque Wrench Cable Assembly, 10' Coiled, PT to DB15 Male Mating Connector, Standard	097000-34149 4242R-000600 / PT06A-8-4S
Hand Torque Wrench with LEDs Cable Assembly, 10' Coiled, PT to DB15 Male Mating Connector, Standard	097000-34445 4242R-000630



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