

# Electric Torque Screwdrivers Low Voltage DC

# CL-Series

Repeatability  $\pm 2.5\%$  of setting.

Various models that range from 0.17 lbf.in to 43 lbf.in.

Low voltage requirements offer superior life and safe operation.

Available in Lever, Push-to-Start, ESD and Pistol Grip models.

Provided with detachable power cord and an extra set of externally replaceable brushes.

CL9000 provided with a shockless reaction stand to provide precise torque control and to eliminate torque reaction to the operator.



Model	Item#	Torque Ranges		RPM		Spring		Amps	Drive	Weight oz.
		lbf.in	cN.m	30 VDC	20 VDC	Light	Heavy			
CL2000	<b>144103</b>	0.17 - 1.7	2 - 20	680	490	Yellow	Black	1.6	4mm HIOS	7.7
CL2000-ESD	<b>144097</b>	0.17 - 1.7	2 - 20	680	490	Yellow	Black	1.6	4mm HIOS	7.7
CL3000	<b>144106</b>	0.3 - 1.7	3 - 20	1000	670	Gold	Blue	1.6	4mm HIOS	12.4
CL3000PS	<b>144107</b>	0.3 - 1.7	3 - 20	1000	670	Gold	Blue	1.6	4mm HIOS	12.4
CL3000-ESD	<b>144098</b>	0.3 - 1.7	3 - 20	1000	670	Gold	Blue	1.6	4mm HIOS	12.4
CL4000	<b>144110</b>	0.9 - 4.8	10 - 55	1000	690	Blue	Red	1.6	1/4" Hex	14
CL4000	<b>144111</b>	0.9 - 4.8	10 - 55	1000	690	Blue	Red	1.6	4mm HIOS	14
CL4000PS	<b>144108</b>	0.9 - 4.8	10 - 55	1000	690	Blue	Red	1.6	1/4" Hex	14
CL4000-ESD	<b>144099</b>	0.9 - 4.8	10 - 55	1000	690	Blue	Red	1.6	1/4" Hex	14
CL6000	<b>144116</b>	1.7 - 8.8	20 - 100	800	500	Brown	Brown	2.5	1/4" Hex	20.7
CL6000PS	<b>144119</b>	1.7 - 8.8	20 - 100	800	500	Brown	Brown	2.5	1/4" Hex	20.7
CL6000P	<b>144140</b>	1.7 - 8.8	20 - 100	800	500	Brown	Brown	2.5	1/4" Hex	26
CL6500	<b>144121</b>	2.6 - 14	30 - 160	900	600	Silver	Gold	2.5	1/4" Hex	23
CL6500PS	<b>144120</b>	2.6 - 14	30 - 160	900	600	Silver	Gold	2.5	1/4" Hex	23
CL6500P	<b>144123</b>	2.6 - 14	30 - 160	900	600	Silver	Gold	2.5	1/4" Hex	28.4
CL6500-ESD	<b>144100</b>	2.6 - 14	30 - 160	900	600	Silver	Gold	2.5	1/4" Hex	23
CL7000	<b>144126</b>	2.6 - 22	30 - 250	750	-	Gold	Purple	2.5	1/4" Hex	26.4
CL7000PS	<b>144125</b>	2.6 - 22	30 - 250	750	-	Gold	Purple	2.5	1/4" Hex	26.4
CL7000P	<b>144128</b>	2.6 - 22	30 - 250	750	-	Gold	Purple	2.5	1/4" Hex	31.6
CL7000-ESD	<b>144101</b>	2.6 - 22	30 - 250	750	-	Gold	Purple	2.5	1/4" Hex	26.4
*CL7000	<b>144182</b>	2.6 - 24	30 - 271	460	-	Gold	Purple	2.5	1/4" Hex	26.4
CL9000PS	<b>144130</b>	10 - 43	120 - 500	530	-	Gold	Gold	5	1/4" Hex	44.8

- PS after model number signifies Push-to-Start model
- P after each model signifies Pistol-Grip model
- ESD after each model signifies Electrostatic Discharge model
- For 10 ft. CL extension chord #**144180**
- \* 25:1 gear ratio allows increased torque output at lower RPM's

- CL3000 and CL4000 HIOS tools are supplied with #**144327** HIOS to HEX adapter
- Transformer Required, see pages **3.15 - 3.17**
- For Power Bits, see pages **6.5 - 6.6**
- For HIOS Bits, see page **6.11**
- CL3000 & CL4000 models, need a torque adjustment nut #**060012** and set screw #**220100** to preset driver to a specific torque