

TRANSDUCERIZED TORQUE & ANGLE CONTROL SYSTEM

The KL-GTCS Controller allows you to be in full control of your entire fastening process. Easily setup multiple tightening parameters like speed, time, thread, direction, torque and angle directly on the user friendly touch screen HMI. Create multiple jobs for different assembly stages and quickly switch between desired job dynamically. Tightening data can be transferred out using the built-in Ethernet Module via Modbus TCP protocol.

Features

- High precision torque transducer
- High resolution angle encoder (1° - 30600°)
- Internal device storage 1 GB (Save up to 1,000,000 tightening data files)
- Program up to 8 unique rundown steps per sequence
- Program up to 99 sequences per job in normal mode and 50 sequences per job in advanced mode
- Save up to 99 jobs in normal mode and 70 jobs in advanced mode
- Export tightening data and job profiles via USB memory stick or FTP
- Customizable I/O for PLC integration
- Modbus TCP Communication Protocol

User friendly touch screen HMI provides excellent feedback & programmability



Specifications

Model	KL-GTCS
Input Voltage	AC 115/230V, 50/60 Hz, 6.3A
Output Voltage	DC 40V 9A, 360W
Count Method	Incremental/Decremental
Torque Detection Value	Based on Screwdriver Specifications
Screw Thread Number Detection	0.0-999.9
External Connection Input	Start/Forward/Reverse/Disable/Confirm
External Connection Output	OK/NG/OK ALL/Start/Reverse
Interface	RS-232, LAN, 2 x USB, I/O Terminals
Compatible Software	N-DAS
External Dimensions	266 x 180 x 145 mm (10.4 x 7.0 x 5.7")
Weight	4.1 Kg (9.0lbs)
Applicable DC screwdriver model	SGT-CS301/302F/303/503/505/507 Series

