Sturtevant Richmont

Torque Measurement Systems

SLTC FM 2.4 GHz A3 wrench.

For the SLTC FM – 2.4 GHz A3 Series Radio Edquipped Wrenches

Global® Series Process Monitors

Global 8® Process Monitor

- Monitors up to eight (8) tools in any combination of 1100 Series Exacta 2® digital torque wrenches, SLTC 2.4FM click wrenches, and PST 2000.
- (8) parameters can be manually sequenced locally or via 24 VDC I/O Ethernet, depending on the model.

Global 400® Process Monitor

- Pairs with up to 16 SR radio torque tools and 8 holding tools. 4 torque tools and 4 holding tools can be active at a time when parameters are organized into groups.
- Compatible with any combination of 1100 Series Exacta® digital torque wrenches, SLTC 2.4FM click wrenches, PST 2000, and holding wrenches.
- 100 parameters
- 100 groups
- 100 jobs

It Pays for Itself

Longer battery life and reduced cost of batteries creates short ROI. **The more you produce, the more you save.** The Sturtevant Richmont Engineering Team constantly looks for ways to increase value for our customers. On the outside of the wrench you'll immediately notice the raised LED Fresnel. This gives users increased visibility when using the wrench at shoulder level and above.

The most dramatic differences are the ones you won't see. We've kept the radio pad footprint identical to the 6 volt versions so you don't have to buy new wrenches to gain the benefits the AAA SLTC FM brings.The AAA battery package provides significantly longer time between battery changes. Switching from Alkaline to NiMH rechargeable batteries extends battery life even farther while reducing waste and toxic landfill content from the alkaline batteries.

The bottom line? More production at lower costs. We invented the click wrench as a new way to tighten bolts on fighter planes when our beam wrenches would not fit. The new A3 radio is almost like inventing the wrench again. Like all our wrenches with interchangeable heads our smallest head fits on our largest wrench and our largest head fits on our smallest wrench.

How It Works

The A3 radio still uses our Xbee protocol that ensures robust radio connections. The Global Series Process Monitor takes the streaming data from the MES, organizes it, and sends the parameter information to the tool. As the jobprogresses the wrench is providing visual feedback via our new raised LED Fresnel. Performance data is date and time stamped and sent back to reporting and the MES.



Features & Benefits

- AAA NiMH - more cycles between battery changes
- Fast and easy battery change means more time in production
- Works with the sophisticated timer programs in the Global 400
- Programmable Retry Attempts Ability Works with the Latest Firmware on All SR Process Monitors.
- No exposed circuit board means even greater electronics durability
- High impact durable plastic housing makes our rugged wrench even stronger
- Sealed Radio Compartment for Splash Protection
- Same footprint means buying a retrofit kit rather than a new wrench
- Lower cost of operation
- Environmentally Friendly
- New raised LED on face plate provides greater 180 degree visibility

Lighting Scheme

Green = Accept
Long Red = Reject
Short Red = No communication with processor

Interchangeability

- Older SLTC FM (up to 250 ft.lb) wrenches can be upgraded to the new AAA radio
- Uses All SR Interchangeable Heads
- All our heads fit on all our wrenches!

Compatibility

- TCV 2.4 operates with one wrench or with two wrenches simultaneously
- PTV
- GLOBAL 8
- GLOBAL 400



Part No.	Model	Description
810411	SLTCFM24 50 I	Wireless Preset Switch Wrench, 2.4 GHz, 50 in. lbs./6 Nm cap., dovetail
810412	SLTCFM24 150 I	Wireless Preset Switch Wrench, 2.4 GHz, 150 in. lbs./17 Nm cap., dovetail
810413	SLTCFM24 300 I	Wireless Preset Switch Wrench, 2.4 GHz, 300 in. lbs./34 Nm cap., dovetail
810410	SLTCFM24 300 I OHT	Wireless Preset Switch Wrench, 2.4 GHz, 300 in. lbs./34 Nm cap., dovetail (Length same as 810412)
810414	SLTCFM24 750 I	Wireless Preset Switch Wrench, 2.4 GHz, 750 in. lbs./85 Nm cap., dovetail
810415	SLTCFM24 1800 I	Wireless Preset Switch Wrench, 2.4 GHz, 1800 in. lbs./204 Nm cap., dovetail
810421	SLTCFM24 1800 I Ergo	Wireless Preset Switch Wrench, 2.4 GHz, 1800 in. lbs./204 Nm cap., dovetail (6” longer than 810415)
810416	SLTCFM24 3000 I	Wireless Preset Switch Wrench, 2.4 GHz, 3000 in. lbs./339 Nm cap., 1/2” Ratcheting S. D.
810417	SLTCFM24 3600 I	Wireless Preset Switch Wrench, 2.4 GHz, 3600 in. lbs./408 Nm cap., dovetail
810418	SLTCFM24 4800 I	Wireless Preset Switch Wrench, 2.4 GHz, 4800 in. lbs./542 Nm cap., dovetail
810419	SLTCFM24 7200 I	Wireless Preset Switch Wrench, 2.4 GHz, 7200 in. lbs./813 Nm cap., 3/4” Ratcheting S.D.

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