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Find the *Cooper / Cleco TME-111-15-U* at our website: *Click HERE*

Extreme fastening applications demand double the fastening technology.



COOPER Tools

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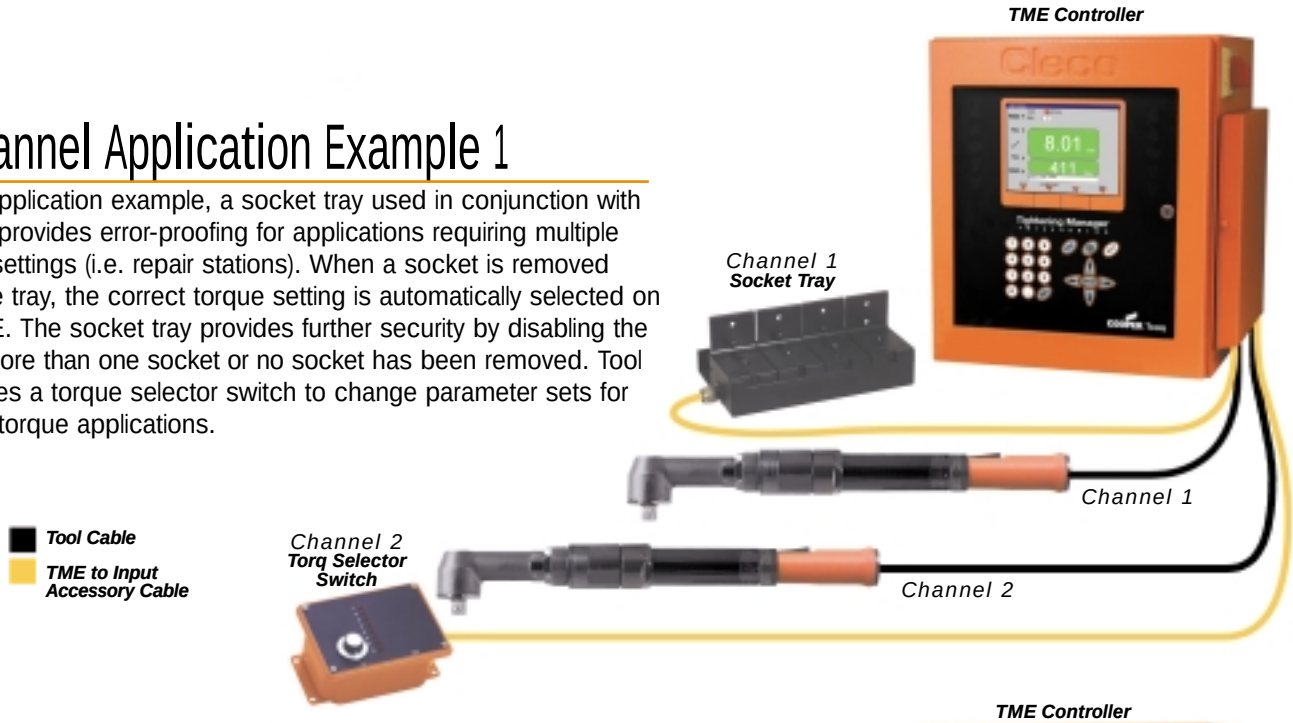
Introducing The New Cleco 2-Channel Tightening Manager Controller.

Twice The Control. Half The Space.

The new Cleco TM 2-Channel Controller offers you optimum control over two distinct tools or a two-spindle operation – for example, two nutrunners in a fixture with one operator interface to run down two bolts. This assures you of twice the performance and productivity in critical assembly applications, as well as the space-saving benefit of fitting just one controller box into the production area that previously required two.

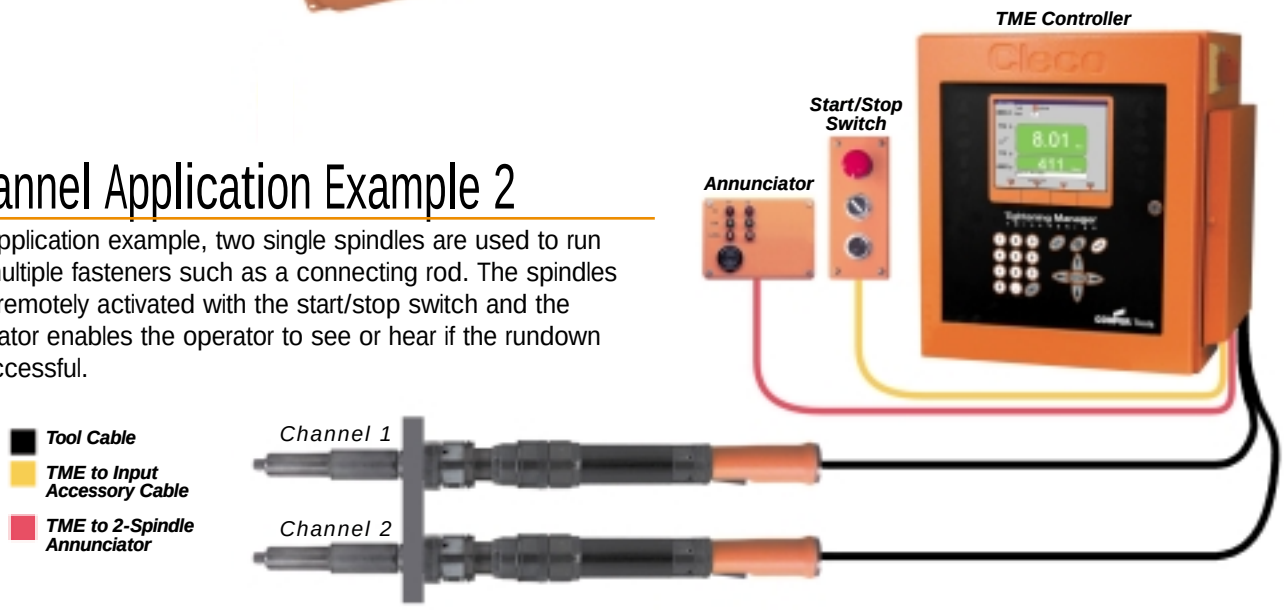
2-Channel Application Example 1

In this application example, a socket tray used in conjunction with tool #1 provides error-proofing for applications requiring multiple torque settings (i.e. repair stations). When a socket is removed from the tray, the correct torque setting is automatically selected on the TME. The socket tray provides further security by disabling the tool if more than one socket or no socket has been removed. Tool #2 utilizes a torque selector switch to change parameter sets for various torque applications.



2-Channel Application Example 2

In this application example, two single spindles are used to run down multiple fasteners such as a connecting rod. The spindles can be remotely activated with the start/stop switch and the annunciator enables the operator to see or hear if the rundown was successful.

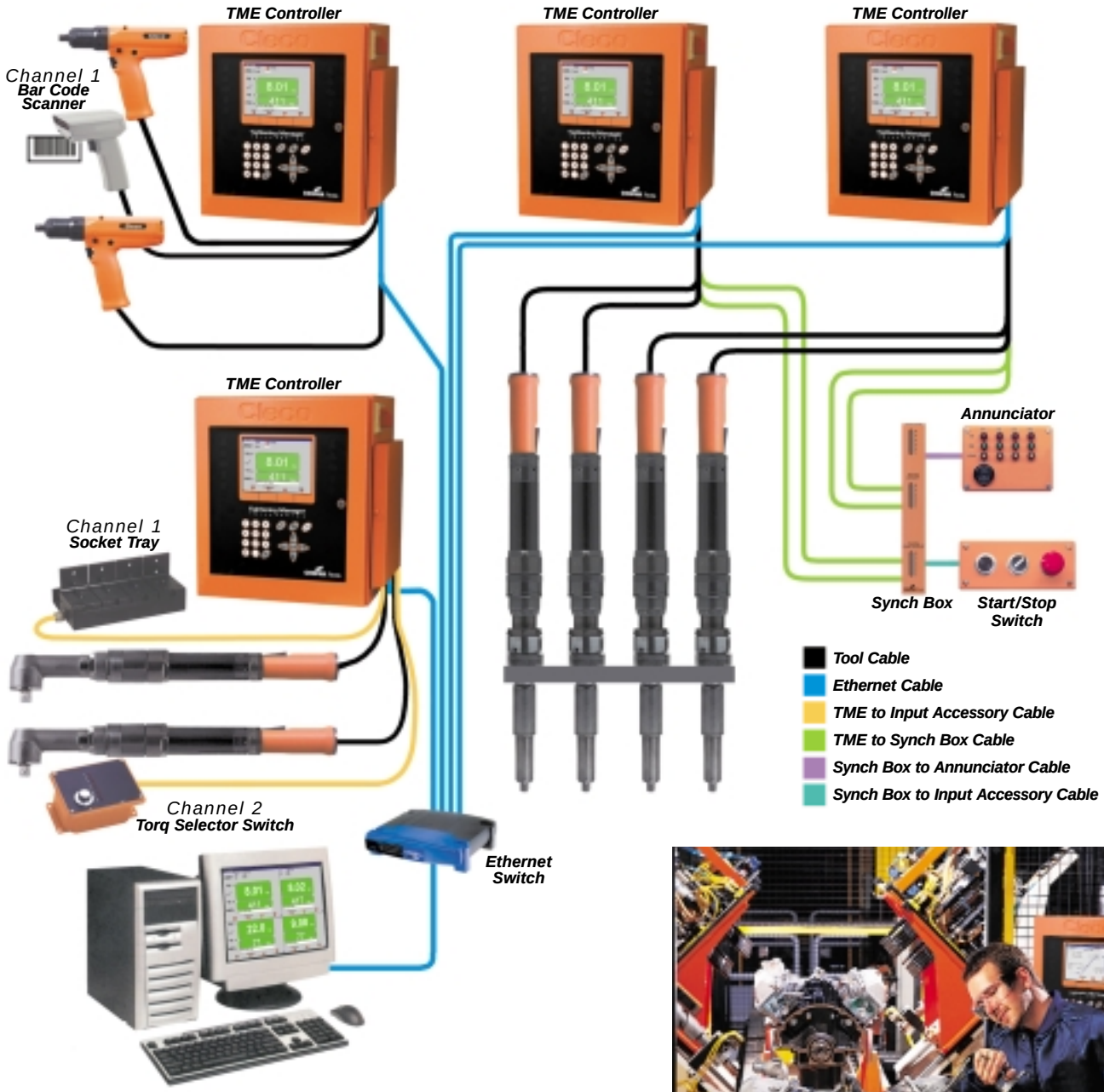


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2-Channel Application Example 3

In this application example (below right), the Synch Box provides the opportunity to create a four-spindle fixtured system from two TME controllers and four tools. The Synch Box synchronizes the spindles throughout the fastening process. The Synch Box also provides input and output connections for other accessories such as annunciators, remote start/stop devices, and various other application options.

2 CHANNEL APPLICATION EXAMPLE 3





Ethernet Models

The TME-121 Ethernet models come with a standard RJ-45 Ethernet connector on the side panel for interfacing with customer networks or the new CooperTools network software, TM-COM. With this software the TME can be programmed remotely or send rundown data to a computer. The diagram above illustrates a typical network.

Cleco®

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Cleco 2-Channel Tightening Manager Specifications & Accessories

The Total Solution

The new Cleco TM 2-Channel Controller, together with our complete line of DC electric tools, is the most quality-oriented, most precision-driven, and most competitively-priced controller on the market.

It is the result of our ongoing commitment to offering nothing less than a "Total Solution" to those customers who require optimum control, performance and productivity in their critical fastening applications.

Model Number		Language	Features
115VAC	230VAC		
TME-121-15-U	TME-121-30-U	English	Standard
TME-121-15-U-EN	TME-121-30-U-EN	English	Ethernet
TME-121-15-D	TME-121-30-D	German	Standard
TME-121-15-D-EN	TME-121-30-D-EN	German	Ethernet
TME-121-15-S	TME-121-30-S	Spanish	Standard
TME-121-15-S-EN	TME-121-30-S-EN	Spanish	Ethernet
TME-121-15-P	TME-121-30-P	Portuguese	Standard
TME-121-15-P-EN	TME-121-30-P-EN	Portuguese	Ethernet

Accessory Cables

TME to Input Accessories	Input Acc. to Input Acc.	TME to Synch Box	TME to 1 Spindle Annunciator	TME to 2 Spindle Annunciator	Synch Box to Input Accessories	Synch Box to Annunciators (2/more spindles)	Length	
							Feet	Meters
542985-3	542986-3	576058-3	542989-3	543451-3	542987-3	542988-3	3	1
542985-9	542986-9	576058-9	542989-9	543451-9	542987-9	542988-9	9	3
542985-25	542986-25	576058-25	542989-25	543451-25	542987-25	542988-25	25	7.5
542985-50	542986-50	576058-50	542989-50	543451-50	542987-50	542988-50	50	15



ACCESSORY CABLE

Synch Boxes

Spindles	Part Number
2	576060-2
3	576060-3
4	576060-4
5	576060-5
6	576060-6



Annunciators

Spindles	Part Number
1	542976-1
2	542976-2
3	542976-3
4	542976-4
5	542976-5
6	542976-6

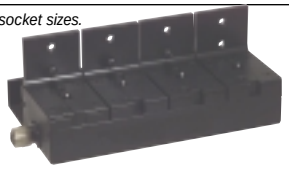


Input Accessories

Socket Trays

Description	Part Number
Four position	542978-4
Eight position	542978-8

Note: Specify socket sizes.



Torque Selector Switches

Torque Selector	Part Number
8 Select	542977-8



Start/Stop Switches

Description	Part Number
Start Box	542972
Stop Box	542973
Start/Stop Box	542974
Start/Stop/Reverse	542975



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