### **MONITORS**

## 007 Control Checker

A lifetime tool for monitoring and checking safety controls and operating controls. One unit for all voltages 24-460 VAC or DC without switching dials or meters. Compact, 4 oz, reliable. Saves troubleshooting. For normally closed controls, 007 connects in parallel with safety control. When the safety control opens in response to a problem in the system, 007 red LED turns on and remains on until reset manually. With intermittent problem, the LED remains on indicating the control is open. For operating controls, 007 verifies the status of all types indicating if there is power to the holding coil, the NC contact is open or closed, the thermostat contacts are open or closed, there is power to the contactor or starting holding coil, the overloads are open or closed, or there is a bad connection either on control or power side. NOTE: May use with lockout relays. Features battery check and reset switch. Includes 9-volt battery. 007 may be used over and over.



### Tattle-Tale Control Monitor

Identifies open controls in seconds. A single use monitoring device for determining which, safety control has opened in response to a malfunction. Saves wasted hours tracing a safety control shutdown, even if intermittent. A quick, inexpensive way to visually spot where the problem is. Simply install in parallel with each safety control. When a control opens, the red indicator flag pops up. You will know immediately which area of the system is experiencing problems. Disposable, safe, simple to use, and pocket sized. Monitors safety controls, fuses, overload relays, motor protectors, freeze controls, limit controls, safety switches, fusible links, or steam control. CAUTION: Not to be used with lockout relays, use TC-007.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
TT-120	Tattle-Tale Control Monitor – 120 Volt AC or DC, pack of 3	PK	1
TT-24	Tattle-Tale Control Monitor – 24 Volt AC or DC, pack of 3	PK	1
TT-240	Tattle-Tale Control Monitor – 240 Volt AC or DC, pack of 3	PK	1

Tolerance on all voltages shown is  $\pm$  20%. U.S. Pat. No. 4,250,480.

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
TC-007	007 Control Checker	EA	1

U.S. Pat. No. 4,092,625.

### **REFRACTOMETERS**

## Refractometer

The Refractometer can measure the freezing point of coolants, glycol and the Charge Condition of Batteries.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
6-REF401	Refractometer	EA	1

## SPIN® TOOLS

# **SPIN®** Tools

SPIN® Flaring and Swaging bits deliver the best flares and swages in seconds! Gives you consistent sizes on flares and swages, every time. Using an innovative technology, SPIN® tools are designed to quickly flare or swage virtually any copper or aluminum tube. Perfect for mini splits and ductless A/C copper and aluminum tubes, it keeps the tubing thickness for high pressure refrigerant fluids such as R410A, R22, etc. Available in sets from 4 up to 6 pieces for HVAC/R applications; and 3 pieces for plumbing applications.



### **FLARING**

CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
F4000	4 pc Flaring Set - 1/4", 3/8", 1/2", 5/8"	PK	1
F5000	5 pc Flaring Set - 1/4", 3/8", 1/2", 5/8", 3/4"	PK	1
F6000	6 pc Flaring Set - 1/4", 3/8", 1/2", 5/8", 3/4", 7/8"	EA	1
F1014	Flaring Tool, 1/4", Individual	EA	1
F1516	Flaring Tool, 5/16", Individual	EA	1
F1038	Flaring Tool, 3/8", Individual	EA	1
F1012	Flaring Tool, 1/2", Individual	EA	1
F1058	Flaring Tool, 5/8", Individual	EA	1
F1034	Flaring Tool, 3/4", Individual	EA	1
F1078	Flaring Tool, 7/8", Individual	EA	1
F1100	Flaring Tool, 1", Individual	EA	1

### SWAGING

DESCRIPTION	UOM	ORDER MULTIPLE
4 pc Swaging Set - 1/4", 3/8", 1/2", 5/8"	PK	1
5 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4"	PK	1
6 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4", 7/8"	PK	1
Swaging Tool - 1/4", Individual	EA	1
Swaging Tool - 5/16", Individual	EA	1
Swaging Tool - 3/8", Individual	EA	1
Swaging Tool - 1/2", Individual	EA	1
Swaging Tool - 5/8", Individual	EA	1
Swaging Tool - 3/4", Individual	EA	1
Swaging Tool - 7/8", Individual	EA	1
	5 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4" 6 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4", 7/8" Swaging Tool - 1/4", Individual Swaging Tool - 5/16", Individual Swaging Tool - 3/8", Individual Swaging Tool - 1/2", Individual Swaging Tool - 5/8", Individual Swaging Tool - 3/4", Individual	5 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4"         PK           6 pc Swaging Set - 1/4", 3/8", 1/2", 5/8", 3/4", 7/8"         PK           Swaging Tool - 1/4", Individual         EA           Swaging Tool - 5/16", Individual         EA           Swaging Tool - 3/8", Individual         EA           Swaging Tool - 1/2", Individual         EA           Swaging Tool - 5/8", Individual         EA           Swaging Tool - 3/4", Individual         EA

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CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
P3000	3 pc Plumbing Set - 1/2", 3/4", 1"	EA	1