

# 170/2070 Controller Tester

Suitcase Tester  
Matrix or Intersection Display



Shown with Matrix display

Cabinets  
Controllers  
Signals  
Signs  
Software  
**Specialty**

## Overview

McCain's 170/2070 Controller Tester is a valuable tool for testing, troubleshooting, demonstrating, or to burn-in both 170 and 2070 controllers. Housed in an impact-resistant, heavy-duty portable case, for improved tester durability and the ability to withstand water. The 170/2070 Controller Tester is suitable for testing in the shop, office, or in the field as technicians can simulate any controller function on command for expedited troubleshooting.

## Benefits

- Conduct a variety of valuable controller tests
- Simulate controller functions to expedite troubleshooting
- Test in the shop or field with this compact, portable device
- Powered by an internal power supply, no controller power is required

## Product Description

The McCain 170/2070 Controller Tester enables signal technicians to clearly observe controller functions as outputs are displayed with appropriately colored LEDs and identified by their corresponding C1 and C11 terminal number.

The tester is available with a matrix or intersection display and can be used for 170 or 2070 controllers and software applications.

The C11 section provides access to the extended input/output functions added to the 2070 standard. Portable and sturdy, it is the ideal tool for testing and repair in the shop or field.

Multipurpose label overlay cards are available to comply with different manufacturer needs.

# 170/2070 Controller Tester

Shown with intersection display



## Standard Features

- Displays C1 and C11 connector pinouts for custom programming
- Tests all standard and extended controller functions
- Five-way test points; signal ground, power interrupt, neutral (3)
- Power interrupt test adjustable from 0.1 to 2.5 seconds
- Controller output LEDs (64)
- On/Off/Momentary test switches (69)

## General Specifications

Dimensions:	19.2" L x 15.2" W x 7.3" H
Enclosure:	HPX High-performance resin luggage style case
Connectors:	C1: M104 Type connector C11: CPC 23-37 Plug
Power:	120 VAC, 1 AMP
Environment:	Operating Temperature: +20° C to +74° C Humidity: 0 to 95% (non-condensing)
Shipping Weight:	23 lbs

## Part Number

M55433	Suitcase Tester, 170/2070 Controller with I/O Matrix display
M55434	Suitcase Tester, 170/2070 Controller with intersection display

## Options

- Multipurpose label overlay cards

To learn more about  
McCain's Integrated Traffic  
Solutions, please contact  
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