

# NT-12 Tester

## NEMA Traffic Controller Tester



Cabinets  
Controllers  
Signals  
Signs  
Software  
**Specialty**

### Overview

McCain's NT-12 NEMA Controller Tester is one of the most effective tools available for signal technicians to evaluate the operation of NEMA extended function controllers. Technicians can simulate any controller function on command for expedited troubleshooting. While comprehensive controller checks are more likely to be run in the shop, the portability of the NT-12 easily permits conducting the same procedures in the field.

### Benefits

- Valuable troubleshooting tool
- Compact, portable size ideal for field testing
- Powered by an internal power supply, no controller power is required
- Conducts a variety of valuable controller tests

### Product Description

The McCain NT-12 is one of the most valuable additions to a traffic control technician's test equipment inventory. It enables signal technicians to observe controller functions on both NEMA TS-1 standard and extended function controllers.

The NT-12's "Extended Functions" section allows the tester to connect to a wide variety of NEMA controllers with a D connector. It provides access to the controllers D connector pins, which include functions such as additional overlaps, standard and special preemption, system coordination, local coordination, master coordination, local/master download functions, etc.

The NT-12 is supplied in a conveniently sized carrying case. Lightweight and portable, it is the ideal tool for both shop and field testing and repair.

## Standard Features

- Tests all standard and extended NEMA controller functions
- Extended function inputs (36)
- Output displays (132)
- Test points (9)
- Power interrupt test adjustable from 0.1 to 1.1 seconds
- Available with special labeling to match various controller colors

## Inputs

Per Controller	Per Ring	Per Phase
Call to Non Act 1&2	Max Inhibit	Veh Det
Test A&B	Stop Time	Ped Det
Minimum Recall	Force Off	Hold
Walk Rest Modifier	Red Rest	Phase Omit
Manual Advance	Omit All Red	Ped Omit
Manual Control Enable	Ped Recycle	
Lamps Off	Max 2	
External Start		

## Outputs

Per Controller	Per Ring	Per Phase
Flashing Logic	Status Bits	Red, Yellow, Green
Voltage Monitor		Walk, Don't Walk
Overlap A, B, C, D		Phase On
Red, Yellow, Green		Phase Next
		Phase Check
		Ped Clear

## General Specifications

Dimensions:	21" W x 13" H x 7" D
Enclosure:	High impact ABS plastic luggage style case
Connectors:	A & B: 55-pin MS twist-lock C: 61-pin MS twist-lock D: 63-pin AMP male (205843-1) E: 57-pin AMP female (206438-1)
Power:	120 VAC, 1 AMP
Environment:	Operating Temperature: +20° C to +74° C Humidity: 0 to 95% (non-condensing)
Shipping Weight:	20 lbs

## Options

- Templates to match extended functions of specific controller models
- Phase type display

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