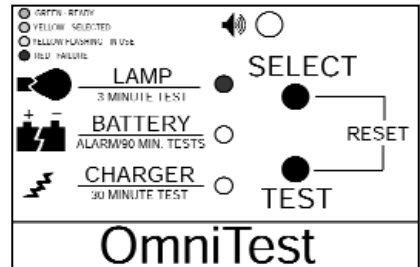




Shown: VP6N18WD96W20T

# OmniTest Self Diagnostic Option



<sup>1</sup> When a lamp circuit failure occurs, the lamp alarm LED changes from green to red and the optional audible alarm emits an intermittent tone for 15 minutes.  
 ACTION: Correct problem, press SELECT and TEST switches simultaneously to reset unit.

Most fire safety codes require that a functional test be conducted on emergency lighting systems at 30 day intervals for a minimum of 30 seconds. Additionally, an annual test must be conducted for a 90 minute duration. The OmniTest Self-Diagnostics option assists the user in meeting these requirements.

## Features

- Monitors battery voltage, lamp continuity, incoming utility power and unit performance every 10 seconds without discharging battery or illuminating lamps
- Compatible with a wide range of LightGuard emergency products
- Compatible with sealed lead calcium, LEC-361, LC-310, and sealed nickel cadmium batteries
- Automatically indicates lamp, battery and charger status via dedicated tri-color LEDs
- Microprocessor-based circuitry
- Watchdog timer automatically reboots if there's a problem with the microprocessor
- Low power consumption -- less than one watt
- 24 hour lockout feature allows battery to recharge after power outage or diagnostic test without indicating failure via yellow flashing LED
- Optional audible alarm <sup>2</sup>

## Diagnostic Operation

### Automatic Tests <sup>5</sup>

- Verifies battery voltage and lamp continuity every 10 seconds
- Illuminates lamps and discharges battery for three minutes every 30 days and for 30 minutes every six months

### Manual Tests <sup>3</sup>

- Three minute, 30 minute or 90 minute battery discharge and lamp illumination tests
- Optional audible alarm or fire alarm flasher\* test verifies functionality (\* For exit signs with fire alarm interface option only)

## Ordering Information

Add the appropriate order code to the end of the unit catalog number. The order code can be found in the options section for applicable products.

### OPTION CODE

**OT** = OmniTest Self Diagnostics

**OTAL** = OmniTest Self Diagnostics with Audible Alarm <sup>2</sup>

**OTTD** = OmniTest Self Diagnostics with Time Delay <sup>4</sup>

### NOTES:

- 1) Fault display, as diagramed, may change slightly when the OmniTest is selected for use with exit equipment.
- 2) Audible alarm is available on selected units.
- 3) A manual test from 1 to 90 minutes is standard on select exit products.
- 4) 15 minute delay.
- 5) Capable of monitoring (2) mounted or remote mounted lamp heads.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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