

## ACCU-TEST OPTION

UL has defined self-testing equipment as emergency lighting units that have the ability to automatically perform a diagnostic function and minimum 30 second self-test at least once every 30 days to determine if the equipment has reduced battery capacity, charger failure or reduction of its connected load such as a lamp.

## GENERAL DESCRIPTION

Most fire safety codes require that a functional test be conducted on every required emergency lighting system at 30 day intervals for a minimum of 30 seconds. Additionally, an annual test must be conducted for a 90 minute duration. Chloride's ACCU-TEST Self-Testing assists the user in meeting these requirements.

## DIAGNOSTIC OPERATION

### Automatic Tests

Verifies battery voltage and lamp continuity every 10 seconds.

Illuminates lamps and discharges battery for three minutes every 30 days.

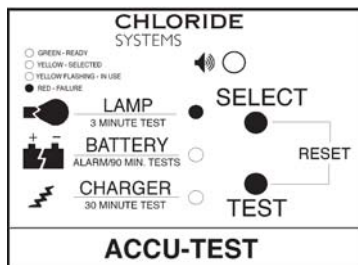
### Manual Tests

Three minute, 30 minute or 90 minute battery discharge and lamp illumination tests. <sup>3</sup>

Optional audible and fire alarm flasher\* test verifies both are functional.

\* For exit signs with fire alarm interface only

## SAMPLE ACCU-TEST DIAGNOSTIC DISPLAY <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.

# Self-Testing & Self-Diagnostic Options For Emergency Lighting and Exit Signs



SHOWN: 6MF18WTA2AD

## ACCU-TEST FEATURES

Monitors battery voltage, lamp continuity <sup>5</sup>, incoming utility power and unit performance every 10 seconds without discharging battery or illuminating lamps.

Compatible with a wide range of Chloride Systems emergency products

Compatible with sealed lead calcium 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>

## 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.

## SELF-DIAGNOSTICS OPTION

UL has defined self-diagnostic equipment as emergency lighting units that automatically conduct a diagnostic function to determine if the unit or equipment will perform in the event of a power failure.

## SELF-DIAGNOSTICS FEATURES

Includes a combination charger/AC indicator LED and discrete circuitry with a separate LED indicator that automatically indicates the battery's status.

Self-diagnostics is an ideal cost-effective solution that provides detailed information about emergency lighting equipment.

## 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

AD = Accu-Test Self Diagnostics

ADAL = Accu-Test Self Diagnostics with Audible Alarm <sup>2</sup>

ADTD = Accu-Test Self Diagnostics with Time Delay <sup>4</sup>

### NOTES:

- 1) Fault display, as diagramed, may change slightly when the AccuTest 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.



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