

# Instructions

Mode d'emploi

Anleitung

Istruzioni

Instrucciones

For Functional Testing  
of Smoke Detectors

**SOLO**  
DETECTOR  
TESTER

NON-FLAMMABLE

[www.acornfiresecurity.com](http://www.acornfiresecurity.com)



## Contents

- Solo100/Solo108 Telescopic Poles; and Solo101 Extension Pole
- Solo 330 Aerosol Dispenser
- Solo A3 Detector Tester and Solo C3 CO
- Solo 200 Removal Tool
- Solo 423/4 Heat Detector Tester
- Solo 461 Cordless Heat Detector Tester
- Solo 461 Battery Baton™
- Solo 610 Bags and Solo Kits / Trutest
- Product Chart

## Sommaire

- Perche télescopique Solo 100, Solo108 / Extension Solo 101
- Bol test transparent pour détecteurs de fumée Solo 330
- Aérosols Solo A3 / Solo CO, C3
- Outil universel de démontage Solo 200
- Bol test transparent filaire pour détecteurs thermiques Solo 423/4
- Kit bol test transparent autonome pour détecteurs thermiques Solo 461
- Solo 461 Battery Baton™
- Sacs de rangement Solo 610 / kits Solo Trutest
- Charte des produits

## Inhalt

- Solo 100/108/101 Verlängerungsstangen
- Solo 330 Rauchmelder-Prüfgerät
- Solo A3 Prüfgas und Solo CO, C3 Prüfgas
- Solo 200 Melderplücker
- Solo 423/424 Wärmemelder-Prüfgerät

- Solo 461 Battery Baton™
- Solo 461 Akku-Auflade-Anleitung
- Solo 610 Einsatztasche, Solo-Set, Trutest
- Schautafel

## Indice

- Pali telescopici/di estensione Solo 100/108/101
- Diffusore aerosol Solo 330
- Aerosol Solo A3 e Solo CO, C3
- Attrezzo per la rimozione del rivelatore Solo 200
- Tester di rivelatori di calore Solo 423/4
- Istruzioni per la batteria del Solo 461
- Solo 461 Battery Baton™
- Borse e kit del Solo 610 / Trutest
- Tabella del prodotto

## Índice de materias

- Tubos para pertigas:
  - Telescopicos : Solo 100/ Solo 108
  - Sencillo: Solo101
- Comprobador detectores de humo Solo 330
- Gas aerosol Solo A3 y monóxido de carbono CO Solo C3
- Extractor Solo 200
- Comprobador detectores térmicos Solo 423/4
- Comprobador autónomo detectores termicos Solo 461
- Solo 461 Battery Baton™
- Bolsa de transporte Solo 610. Equipos Solo. Trutest
- Diagrama de factores y avisos

## Solo 100 and Solo 108 Telescopic Poles

- Extendable & non-conductive fibreglass pole
- Designed for use at varying heights - see product chart on page 11
- Accepts Solo 101 extensions and all Solo tools (including Trutest)

### Instructions for use



2 OR 4 SECTIONS



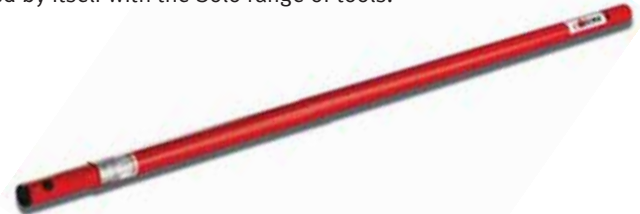
EXTEND & TWIST TO LOCK BUTTON



INSERT TOOL INTO POLE

## Solo 101 Extension Pole

A 1.1m / 3ft 9" addition to the Solo 100 telescopic pole\*, or may be used by itself with the Solo range of tools.



### Maintenance

The Solo poles can be cleaned with mild detergent in warm water and a soft, lint-free cloth. Lubrication is not necessary.

**Warning** The use of Personal Protection Equipment is recommended when using tools at height.  
\*maximum of 3 extension poles recommended

## Solo 330 Aerosol Dispenser

### Instructions for use



A



B



C



D

- A Unscrew and remove retainer cup
- B Place aerosol canister into cup
- C Replace retainer cup & screw upwards  
Adjust cup until aerosol activates and unscrew slightly
- D Insert the Solo 330 into Solo pole



Place Solo 330 over detector, ensuring a seal around smoke chamber.

Press upwards slightly to activate aerosol (no more than 1 second burst).

If the detector has not responded in 10 seconds repeat above every 10 seconds. Number of total sprays should not exceed 5.

If the detector fails to activate, check equipment and retest. If the detector does not activate it will require further investigation.

### Maintenance

Excess liquid deposits may be experienced following extended periods of use. To clean, use a lint free cloth. Wash the cup with a mild detergent in warm water and dry thoroughly.

**Warning** To prevent the possibility of the aerosol discharging while in transit, loosen retainer cup by unscrewing 2 full turns.



**Solo 332  
Aerosol  
Dispenser  
available  
for larger  
detectors**

## Solo A3 Detector Tester



- Designed to be used only in conjunction with Solo 330 (332) dispenser
- Does not leave residue when used correctly with Solo 330 (332) Dispenser
- Activates detectors quickly
- Dissipates rapidly, enabling the detector to be quickly reset after successful activation
- Dispenser conserves aerosol, controls usage and reduces possibility of misuse
- Not using the recommended aerosol can cause problems and detector damage

### Warning

Read CAUTION and Instructions before use. Aerosols are pressurised containers.

Do not pierce, incinerate or expose to temperatures above 120°F/50°C, even when empty.

Keep away from sources of heat (including sunlight).

Wear Personal Protection Equipment appropriate to the task and the environment.

Material Safety Data Sheets available on request or online at [www.noclimb.com](http://www.noclimb.com)

## Solo CO\* Aerosol C3



- Suitable for use on CO Fire Detectors
- Designed for use in Solo 330 (332) Dispenser
- See Solo 330 (332) Instructions for use

### Warning

Solo CO uses CO in a sufficiently low concentration to be of minimal risk when used as directed.

CO is colourless and odourless and may be harmful.

Read CAUTION and instructions before use.

\*not available in North America

## Solo 200 Universal Removal Tool

- Suitable for wide range of detector makes and sizes
- Adjustable colour coded tri-grips rotate to fit different sized detectors
- Universal joint ensures tool remains parallel with ceiling while in use

### Adjusting the Tri-grips



Yellow	64 - 76mm / 2.5 - 3.0in diameter
Blue	86 - 98mm / 3.0 - 3.85in diameter
Red	98 - 112mm / 3.85 - 4.4in diameter
Red & Yellow	74 - 93mm / 2.91 - 3.66in diameter
Yellow & Blue	75 - 87mm / 2.95 - 3.43in diameter
Blue & Red	92 - 105mm / 3.6 - 4.13in diameter

PULL AND TWIST

### Instructions for use



LOCATE LOWER BUTTON FOR DETECTORS AT ANGLES



LOCATE UPPER BUTTON FOR STANDARD FITTED DETECTORS



GRIP DETECTOR



TWIST AND PULL DOWN

ks  
S

## Solo 423/4 Heat Detector Tester\*

### Instructions for use



ATTACH POWER CABLE & IF REQUIRED, ADD OPTIONAL EXTENSION CABLE



OPTIONAL EXTENSION CABLE



SECURE CLIP



INSERT 423/4 INTO POLE



CONNECT TO POWER AND PRESS ON SWITCH



PLACE OVER DETECTOR

- If detector does not activate within 1 minute it may be faulty
- Available in 110v and 230v versions
- Fitted with a thermal cut-out protection system

### ⚠ WARNING



DO NOT TOUCH METAL GRILL



DO NOT BLOCK AIR VENTS



NO USER SERVICEABLE PARTS

\*not available in North America

# Solo 461 Cordless Heat Detector Tester

## Instructions for use



Insert a charged Battery Baton into tool & pole



Press the red switch to turn on LED illuminates green Flash at slow rate indicates normal STANDBY mode.



Position the latch & place over detector

- Tool will automatically start testing when infra-red beam in cup is broken
- Green LED will flash faster
- Hold in place until the alarm is activated\*
- When the detector alarms, remove the tool from the detector
- It will revert to standby mode (slow flashing green LED) and the internal blower will cool the heating element for a few seconds

(\*If the detector fails to activate it may be faulty. Insert a replacement detector and test again)

## Notes

**(●)** LED flashing red = warning battery nearly discharged - Normal testing can continue

- LED constantly red = battery fully discharged or error - Testing cannot continue

**(●)** **(●●)** LED flashing red/green = Tool automatically terminated test - Time exceeded 120 sec



After testing, switch off at red switch to preserve battery life

## Useful Tips:

- Tool features an automatic power-saving feature, which will turn it off after five minutes if not used
- Only use with Solo™ Battery Baton™ and only charge the Battery Baton™ with the Solo™ Charger (see Page 9 for charging instructions)
- It is normal for the Battery Baton™ to get slightly warm during use
- Never block the ventilation hole in the side of the cup, which ensures correct airflow

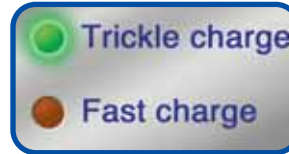
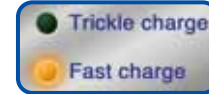
# Solo 461 Battery Charging Instructions and General Information



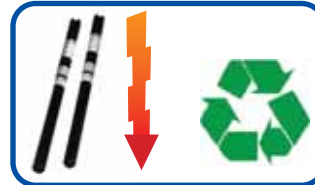
- Connect charger to power outlet or lighter socket in vehicle using mains lead supplied or the umbilical DC connecting lead
- Power LED will illuminate



- Connect battery to charger
- Fast Charge LED will illuminate



- When battery is fully charged, fast charge LED will extinguish
- Trickle charge LED will illuminate



- Ideally fully discharge in normal use before recharge



\*International power outlet cables available from your supplier

## Solo 610 Protective Carrying & Storage Bag

A bag is recommended for use both to carry and store the Solo equipment, and also to protect it from damage.



- Manufactured from woven polyester with PVC coating
- Reinforced to withstand wear and tear
- Specially designed compartments to take full range of products
- Separate pole bag included
- Convenient size and shape for storage and carrying

## Solo Series Kits

- Most versatile and cost effective method of purchasing Solo tools
- Convenient and economical solution for professional detector testing



## Trutest

Smoke detector sensitivity tester

- One genuine test
- Truly portable
- Instant result display



## Product Chart

