The new standard
for functional testing of smoke detectors

www.acornfiresecurity.com
Faster, Simpler, Cleaner
functional testing of smoke detectors

Benefits
Faster
- Quicker movement around site
- Faster testing of detectors
- Test hard-to-access detectors easily

Simpler
- 15% lighter than Solo 330 – easy movement around site
- Slim-line design – allows easy access to hard-to-access detectors
- Auto LED torch – for simple testing in dark environments

Cleaner
- Clearing mode – prevents re-alarms
- On-demand smoke – less wastage and risk of contamination
- Non-pressurised cartridge – no propellant that contributes to global warming

As market leaders with 30+ years’ experience, we understand the need for reliable test solutions that keep track with technological developments – without compromising on the standards set by existing solutions.

Solo 365 is true to this belief – it’s lighter to use, quicker to test, suitable for more applications and almost impossible to over-apply – eliminating the risk of detector contamination.

This new method of smoke generation takes Solo – the industry’s most trusted brand – to the next level. Solo 365 offers everything the industry expects from the Solo brand, pairing it with the very latest technology and wrapping it in a new modern slim-line design and incorporates non-hazardous, non-pressurised cartridges.

Engineered to be compatible with the increasing number of sophisticated detectors now available, Solo 365 also overcomes the regulatory issues associated with pressurised aerosol canisters.

Faster, Simpler, Cleaner generates smoke on-demand, without the need for pressurised aerosols:
- Faster detector activation
- Eliminates repeat alarms
- Minimal smoke wastage

Smoke detector designs are changing which can make them hard to test with traditional test solutions. Solo 365 solves this:
- Compatible with all smoke detectors
- Approved by world-leading detector manufacturers
- Slim-line design allows testing of hard-to-access detectors

Solo 365 is suitable for testing in a wide range of sites due to:
- A flexible, slim design for access to tight spaces
- Improved low temperature performance
- Auto LED for testing in dark areas
- Suitability for ASD system testing

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# Technical Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating features</strong></td>
<td>- Colour coded LED user information.</td>
</tr>
<tr>
<td></td>
<td>- Proximity sensor starts test.</td>
</tr>
<tr>
<td></td>
<td>- Suitable for detectors up to 110mm diameter.</td>
</tr>
<tr>
<td></td>
<td>- 5 seconds of stimulus, 5 seconds off repeat cycles.</td>
</tr>
<tr>
<td><strong>Safety features</strong></td>
<td>- Battery over current cut out.</td>
</tr>
<tr>
<td></td>
<td>- Over temperature cut out.</td>
</tr>
<tr>
<td></td>
<td>- 2 minutes maximum duration time-out.</td>
</tr>
<tr>
<td></td>
<td>- Auto power off after 10 minutes.</td>
</tr>
<tr>
<td><strong>Power source</strong></td>
<td>Lithium Ion battery pack nominal 3.63V 9.5Wh, with USB charger connection</td>
</tr>
<tr>
<td><strong>Battery charging time</strong></td>
<td>~2 hours</td>
</tr>
<tr>
<td><strong>Operating temperature range</strong></td>
<td>+5°C to 45°C ( +41°F to 113°F)</td>
</tr>
<tr>
<td><strong>Operating humidity range</strong></td>
<td>0 to 85% RH non-condensing</td>
</tr>
<tr>
<td><strong>Storage temperature range</strong></td>
<td>-10°C to 50°C ( +14°F to 122°F)</td>
</tr>
<tr>
<td><strong>Storage humidity range</strong></td>
<td>0 to 90% RH non-condensing (up to +35°C/95°F)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>860g</td>
</tr>
<tr>
<td><strong>Dimensions H (including handle) x W (widest) x D</strong></td>
<td>420mm x 190mm x 110mm</td>
</tr>
<tr>
<td><strong>Dimensions H (excluding handle) x W (widest) x D</strong></td>
<td>295mm x 190mm x 110mm</td>
</tr>
<tr>
<td><strong>Dimensions as above with cup in user position</strong></td>
<td>260mm x 190mm x 150mm</td>
</tr>
<tr>
<td><strong>Clear cup dimensions</strong></td>
<td>150mm x 85mm</td>
</tr>
<tr>
<td><strong>Outer carton dimensions H x W x D</strong></td>
<td>130mm x 525mm x 230mm</td>
</tr>
</tbody>
</table>

# Ordering Information

*Available in packs of 12 Product Code ES3-12PACK-001

Solo 365 smoke detector tester
Includes: 1 x Solo ES3 Smoke Cartridge, 1 x Solo 370 Lithium Ion Battery Pack, 1 x Solo 371 Smoke Generator

Solo 365-001

Smoke Cartridge*
Solo ES3-001

Lithium Ion Battery Pack
Solo 370-001

Smoke Generator
Solo 371-001

As our policy is one of continuous improvement, details of products described within this publication are subject to change without notice. All information provided here is believed to be correct at the time of going to press. Every effort has been made to ensure the accuracy of information which is provided in good faith but nothing contained herein is intended to incorporate any representation or warranty, either express or implied or to form the basis of any legal relations between the parties hereto, additional to or in lieu of such as may be applicable to a contract of sale or purchase.