12.2 Technical Information

Operating features:	• Electronic smoke stimulus • Heat stimulus (standard / hi-heat) • Automatic smoke clearing function • Optical sensors to automatically capture detector led alarm status • TFT-LCD full colour touch screen • Colour led user feedback up to 9m visual distance • Automatic torch in dark environment • Adjustable multi-position head • BT enabled to communicate with detectortesters-connect app • Optional subscription for premium features in the DT Connect app and Cloud Portal
Safety features:	General safety features • Auto-shutdown feature. If the unit is inactive for more than 10 minutes, the unit automatically shuts down which disconnects the control circuit from the battery pack. • All tests are time limited to 120 seconds. Heater/smoke safety features: • Microprocessor in-test temperature and voltage safety monitoring stops test in response to fault • INA230 current alert function stops test in response to fault • Fuse protection if heater/smoke element overheats Battery pack safety features: • The battery pack features safety circuits to prevent over temperature, over current, over charging and deep discharge conditions. • Microprocessor in-test temperature safety monitoring displays LCD warning and prevents further tests until battery cooldown • JEITA compliant charge cycle limiting charge current and voltage dependant on temperature
Power source:	Lithium ion battery pack nominal 10.8v 35.1wh/3250mah, with USB-C connection to charging cradle
Battery charging time:	50% charge 23°C: Less than 1 hour Fully charged: 5°C = 3 hours 23°C = 2 hours 40°C = 3 hours
Power consumption:	Dependent on mode of use: Smoke testing: <0.5A rms Heat testing: 4-6A rms N.B. Power consumption refers only to the duration of the actual test and may vary considerably due to internal control algorithms. ----------

Test modes:	• Smoke: a simulated smoke generated internally using a miniature heat exchanger and a harmless liquid from the smoke capsule. • Standard Heat: to test rate-of-rise and fixed temperature heat detectors up to 90°C (194°F). • Hi-Heat: to test rate-of-rise and fixed temperature heat detectors up to 100°C (212°F). • Clearing: clean air is blown to remove previously applied smoke. • Simultaneous Testing: Smoke and Heat in combination • Sequential Testing: Heat followed by Smoke • Smoke for ASD or flat detectors: requires separate adaptor • Delayed start smoke test
Suitable detector types:	• Optical / photoelectric and ionisation smoke detectors. • Thermal sensors (fixed temperature or rate-of-rise). • Multi-sensors or multi-criteria detectors. • Conventional, addressable, or analogue addressable detectors of any of the above types. • ASD and flat detectors
Operating temperature range:	Unit: +5°C to 45°C (+41°F to 113°F) Charger Cradle: +5°C to 40°C (+41°F to 104°F)
Operating humidity range:	0 to 85% RH non-condensing
Storage temperature range:	-10°C to 50°C (+14°F to 122°F)
Storage humidity range:	0 to 90% RH non-condensing (up to +35°C/95°F
Maximum operating altitude:	3,000 m
Weight (Including battery, generator & cartridge):	1.25kg with battery Gen and Cartridge 2.39kg boxed with everything
Dimensions H (including handle) x W (widest) x D:	406 x 156 x 150mm
Dimensions H (excluding handle) x W (widest) x D:	302 x 156 150mm
Cup dimensions:	Ø112mm max 38-57mm height (see 2D drawing attached)
Outer carton dimensions H x W x D:	477 x 227 x 177 mm

12.3 Support Contact

For help and support, please use contact your local service centre with your product serial number and any error code to hand.

United Kingdom
No Climb Products Ltd.
Welham Green, AL9 7JE

Tel: +44 (0) 1707 282760
Email: detectortesters-connect@detectortesters.com
Web: https://detectortesters.com/troubleshooting

Americas
SDi, LLC
3535 Route 66, Building 6
Neptune, NJ 07753

Tel: 732-751-9266
Email: service@sdifire.com
Web: https://sdifire.com/support/

TESTIFIRE XTR2 TEST & MAINTENANCE KITS

TESTIFIRE XTR2 SMOKE / HEAT TEST KIT

TESTIFIRE-XTR2-6M-001

6M Reach

Includes

Testifire-XTR2-001 Smoke / Heat Test Kit
Solo 100-001 4.5m 4-Section Telescopic Pole
Solo 200-001 Detector Removal Tool
Solo 610-001 Protective Storage Bag

6M Reach



TESTIFIRE XTR2 SMOKE / HEAT TEST KIT

TESTIFIRE-XTR2-9M-001

9M Reach



Includes

Testifire-XTR2-001 Smoke / Heat Test Kit
Solo 100-001 4.5m 4-Section Telescopic Pole
3 x Solo 101-001 1.13m Extension Pole
Solo 200-001 Detector Removal Tool
Solo 610-001 Protective Storage Bag

9M Reach

URBAN XTR2 SMOKE / HEAT TEST KIT

TESTIFIRE-XTR2-URBAN-001

Includes

Testifire-XTR2-001 Smoke / Heat Test Kit
1.75m Urban 4-Section Telescopic Pole
3 x Urban 0.5m Extension Poles
Urban Backpack & Pole Bag

5M Reach
Ultra Lightweight

5M Reach

