

## Test and Service Equipment

- Full range of removal grips
  - Universal removal tool on swing frame
  - Dedicated grabs
  - Dedicated inserts for grips
- Full range of dispensers
  - Touch sensitive, transparent cup on swing frame
  - Removable transparent cup on swing frame
  - Fixed aluminium cup
  - Diaphragms for cup to seal off suspended detectors
- Heat sensor tester on swing frame in transparent cup
- Full range of extension poles
  - Telescopic fibreglass poles
  - Heavy duty aluminium poles
- Ozone friendly test aerosol
  - Same product fits ionization and optical sensors



### REMOVAL FRIENDLY

The FG 010 is a unique universal removal tool that fits most makes and sizes of detectors on the market. Both colour coded cams can be independently lifted and turned until they snap in place, so accommodating detector sizes from 65 mm to 110 mm diameter. Easy to use, this removal tool allows numerous combinations ensuring that one tool is all you need for your maintenance jobs.

In addition to its universal nature, the tool's second innovative feature is that it is provided with a swing frame which allows access to detectors that cannot be reached from directly underneath. The use of a universal joint ensures that the detector remains parallel to the ceiling during extraction or replacement. The swing frame can also be put in a fix-operation mode.

### DEDICATED PRODUCTS

A range of fixed dedicated grabs is available to fit particular types of detectors. The FG 001 is an aluminium three finger grab allowing limited adjustment in height and width, whilst the FG 003 is compatible with the Aritech series 860, 950 and Apollo series 60 and XP 95.



The FG 002 is an insert for the FG 001 for use with the Aritech series 800, 900 and Apollo series 20, 30 and 90.

### TEST FRIENDLY

Functionality of detectors in the field may be impaired by accidental damage, by tampering or during removal and replacement. In addition, airborne contaminants and natural aging of components make testing at regular intervals, with credible procedure, a vital part of any fire detection system. The range of dispensers offers a safe, clean and non disruptive method to meet test requirements. The aerosol canister is fitted to the dispenser and the detector under test covered by the dispenser cup.

In operation, the aerosol passes into the dispenser, resulting in a slower velocity swirl than straight from the nozzle of the can, aimed directly at the detector.

The system eliminates the possibility of residue and conserves aerosol. Aerosol contained within the cup is prevented from premature dissipation, particularly important for detectors with relative slow response times or those located in areas with fast moving air flow.

**A TOUCH OF CLASS**

The **TR 010** is a touch sensitive test cup on a swing frame. The canister is pre-pressed to the cup with a setscrew so that a light upwards pressure of the cup against the sensor head will release the test gas. The cup is mounted on a swing frame so that sensors sited in floors and ceilings can be tested. The cup is transparent so the user can see the illuminated LED of the activated detector.

The **TR 009** is a transparent test cup on swing frame. The gas release is triggered by pushing a handle at the end of the pole. The TR 009 cup can be removed for hand-held operation.

The **TR 008** is a fixed aluminium test cup.

**WHEN THE HEAT IS ON**

The **TH 010** is a professionally designed test tool for insitu testing of all makes and types of heat detectors. The tool is fixed on a swing frame and comes with a transparent cup to allow seeing the illuminated LED of the heat sensors.

This unit is protected by a thermal safety cut-out and is electrically fused.

The tester fits both fixed temperature and rate-of-rise detectors.

The **TH 011** cordless heat tester is truly revolutionary, completely cordless, extremely lightweight and totally portable. Using advanced, patented technology it enables tests of installed detectors to be accomplished quickly, easily and professionally. Above all, it eliminates the need for mains power or dangerous, trailing leads. Using interchangeable

NiCd (Nickel Cadmium) Battery Batons™ it can perform limitless tests on most makes, models and types of heat detector.

Switched on, the unit enters standby mode. Only when the test cup is placed over a detector is an infra-red beam in the cup interrupted, automatically initiating the test. A self-adjusting diaphragm membrane fitted to the unit, seals circulating hot air within the cup. This heat activates the detector in the shortest possible time. Whilst a test is being performed a steady pulsing tone is heard. Once the detector LED activates, the test has been completed and, TH 011 can be removed. The moment the cup is removed from the detector, the infra-red beam is re-established, the unit re-enters standby mode and the tone stops. This saves power and the operator can move directly to the next test. No cables, no cords - no mains power required.

**A PRODUCT REACHING LONELY HEIGHTS**

The **ET 010** is a strengthened fibreglass telescopic pole. This non conductive pole can reach up to 4.5 m. Using the additional **ET 011** extensions, heights up to 9 meters can be achieved.

The **ET 001** and **ET 002** are respectively 0.75 m and 1.5 m heavy duty aluminium extension tubes provided with discharge handles.

The **ET 003** is a 1.3 m non-conductive pole for use with **ET 001** and **ET 002**.

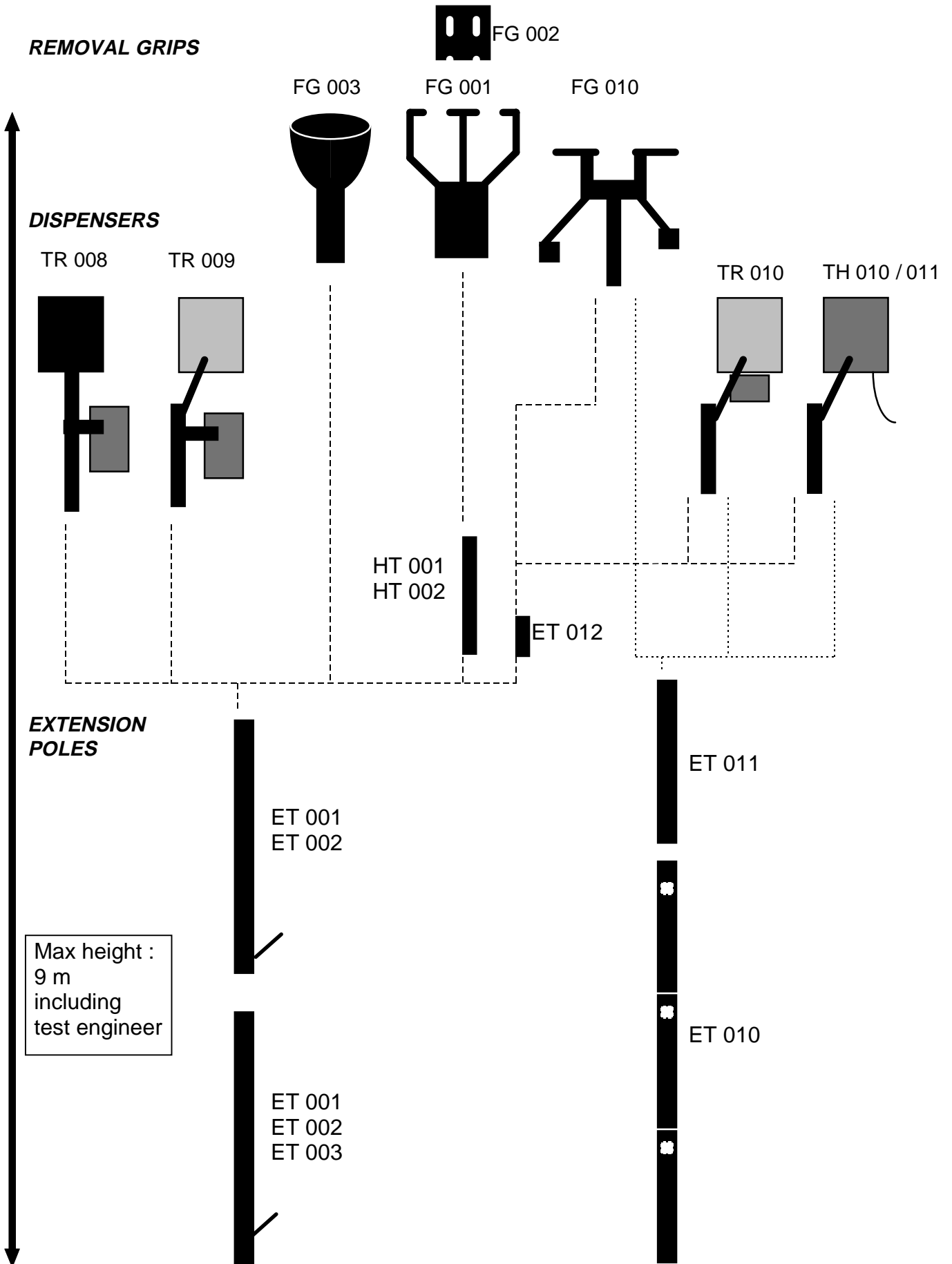
The **HT 001** and **HT 002** are respectively 0.75 m and 1.6 m head tubes to be used with **FG 001**.

The **ET 012** is a smart adapter piece that allows use of the swing frame units **TR 010** and **FG 010** on the **ET 001** and **ET 002** poles.

**UNIVERSAL AND OZONE FRIENDLY**

The **SC 007** test aerosol contains in its spray a range of particles which simulate those found in various types of smoke. Introducing these particles into the sensing chamber of a detector produces the same effects on correctly functioning optical and ionization type detectors as smoke from a real fire. The aerosols do not contain ozone damaging CFC's





## How to order

MODEL	DESCRIPTION
FG 010 .....	Universal removal tool on swing frame
FG 001 .....	Three finger grab
FG 002 .....	Removal insert
FG 003 .....	Removal cup
HT 001 .....	Head tube 0.75 m
HT 002 .....	Head tube 1.6 m
ET 001 .....	Extension tube 0.75 m
ET 002 .....	Extension tube 1.5 m
ET 003 .....	Extension tube non conductive 1.3 m
ET 010 .....	Fibreglass telescopic pole 4.5 m
ET 011 .....	Fibreglass extension tube 1.2 m
ET 012 .....	Adapter
TR 010 .....	Touch sensitive transparent dispenser cup on swing frame
TR 009 .....	Removable transparent dispenser cup on swing frame
TR 008 .....	Fixed aluminium dispenser cup
TH 010 .....	Heat detector test tool on swing frame with transparent cup
TH 011 .....	Cordless heat detector tester set
SC 007 .....	Ozone friendly aerosol in canister

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