

SURETECH Instruments Newsletter keeps you up to date with
Electrical Sensing and Safety Equipment

January 2014



SURETECH Instruments

are manufactured by **SURE Engineering**

**HOT
DEALS**

Happy New Year to you! Wishing everyone a prosperous and peaceful 2014.

Our red hot special is still running on the **HV/PT2 s** – take advantage of this very special once-off price now. Place your order (with payment) for your **HV/PT2 s** for delivery by:

- ~~Before 13 December 2013~~ and get ~~40% off~~ — **Oops, you're too late for this one!**
- In January 2014 and get **30% off**
- In February 2014 and get **20% off**
- In March 2014 and get **10% off**



Contact **Erica** on **021 – 701 8529** or on email at en@suretech.co.za to place your order NOW!

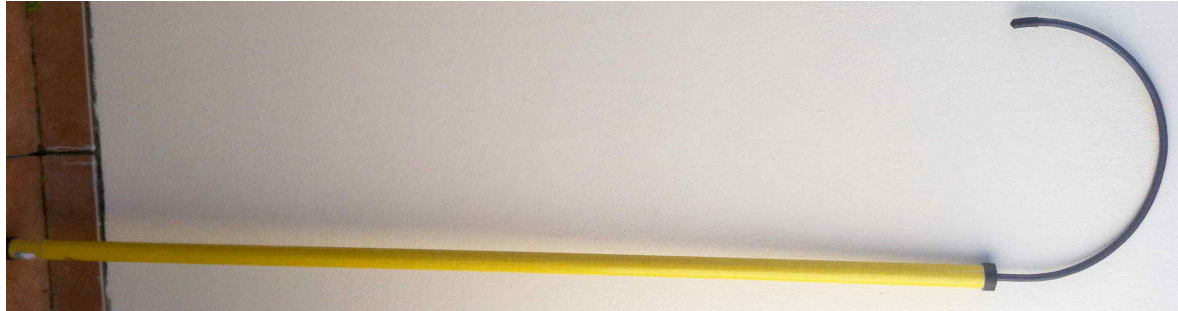
HV/PT2 remains the favourite HV personal tester



- HV/PT2 reliability has been proven over the past decade
- HV/PT2 is THE most stable tester of its kind in the electrically noisy environment of substations, cables and power lines
- Power utilities on five continents use HV/PT2
- HV/PT2 datasheet: High Voltage Personal Tester [383kBytes] - http://www.suretech.co.za/5_HVPT2_15.pdf

SURETECH High Voltage Safety Instruments

Rescue Hook - Remove injured workers from hazardous areas



The purpose of the Rescue Hook is to remove injured workers from hazardous areas. Work areas that should be equipped with a rescue hook are:

- Transformer bays
- Motor gear
- Electrical chambers
- Confined spaces
- Sub-stations
- Switchyards etc.
- Any potentially hazardous workplace for personnel

Rescue Hook - Specifications:

- Hook diam: 420mm
 - Hook material: high-tensile steel bar, heat treated and ribbed for non-slip purchase
 - Hook is double insulated with two layers heat-shrink sleeving
 - Hook steel bar traverses internally, most of length of handle
 - Hook tip has thick heat-shrink (internally glued) end piece for electrical insulation and mechanical protection
 - Handle diam: 38mm
 - Handle material: FRP (Fibreglass Reinforced Plastic)
 - Internal spacer disks within handle are resin encapsulated inside tube, at spacings of 200mm
 - Resulting structure is extremely strong
 - Colour: yellow
 - Mass: 4kg
 - Overall length: 2m standard (other lengths can be requested)
- Rescue Hook Datasheet (197 kBytes) : http://www.suretech.co.za/5_RescueHook1.pdf

SURETECH DC and AC Current Sensors



Hall Effect Current Sensors – for DC and AC Application

- SURETECH Instruments have developed a proprietary open jaw sensing system, for measuring current in conductors & electrolytic cells accurately, and even at high temperatures
- Our technology ensures cancellation of nearby interfering magnetic fields from adjacent conductors (patents pending)
- SURETECH HECS 1K5U utilises linear measurement circuits for excellent accuracy, calibratable in firmware by the user in the field for various bus-bar shapes, for currents up to +/-1500Amps
- Continuous reading mode with a three second HOLD that facilitates recording samples after removal from conductor
- Outputs include LCD readout, with RS232 or USB
- Multiple samples (200) can be stored for later download; enabling at least ten times faster measurements
- Battery: either 9V PP3 Alkaline OR NiMH rechargeable, with auto-power down
- A wide range of other Hall Effect Current Sensors is also available HECS 200A, 500A, 700A, 1kA, 1.5kA DC or AC on various conductor shapes
- HECS open jaw instruments [484kBytes] - http://www.suretech.co.za/3_HECSxxU_2.pdf

Contact Erica for more information or to place an order.

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