

Available G.L McGavin Products

01 | Modiewark DC50 Fire & Rescue Kit



Includes:

- Modiewark DC50 Tester
- Modiewark Hard Carry Case
- 2x Rechargeable Batteries
- Car Adapter
- DC Battery Charger

02 | Modiewark AC30 Fire & Rescue Kit



Includes:

- Modiewark AC30 Tester
- Modiewark PVC Rescue Bag
- Electrical Telescoping Stick
- Insulated Gloves (1000V)
- Cotton Gloves

03 | Modiewark DC50 / AC30 Fire & Rescue Kit



Includes:

- Modiewark DC50 Tester
- Modiewark AC30 Tester
- Modiewark Hard Carry Case
- 2x Rechargeable Batteries
- DC Battery Charger
- Car Adapter

AC30 Specifications

Voltage range:	50V to 750,000V AC
Weight (no batteries):	146 grams
Battery:	4x AAA batteries
Sound:	100db at 10cm
Length:	145 mm
Width:	78 mm
Height:	23 mm
IP Rating:	IP 66
Battery Life:	30+ hours continuous

Explore our full range of
Voltage Detectors Today!



04 | Modiewark AC30 / DC50 Fire & Rescue Stick Kit



Includes:

- Modiewark DC50 Voltage Detector
- Modiewark AC30 Voltage Detector
- Modielive EMF Generator
- 2x Rechargeable Batteries
- DC Battery Charger
- Car Adapter
- Padded Hard Metal Carry Case
- 4m Electrical Telescoping Stick

More kits are available with hot sticks and other accessories.

Contact us today as custom kit configurations are also available.

Scan now to find out more
at glmcgavin.com.au



Warning:

High voltage testing must only be carried out by trained personnel. Read all instructions carefully before use. This unit will NOT detect DC voltages. The AC30 is not designed to operate where mains cables are armoured or enclosed in metal conduit, run underground, or in any situation where the AC field is negated by metal shielding. Do not hold this instrument in contact with any energised conductor. This device must only be used strictly in accordance with these instructions. GL McGavin Pty Ltd accepts no liability for any loss, damage, or injury arising from use of this tester by untrained personnel, unauthorised alteration of the tester, or use outside its intended operating conditions.

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G.L McGavin is a division of Morris Technological Group Pty Ltd
Modiewark AC30 is a product of G.L McGavin



Fire and Rescue AC30 Product Manual

The AC tester that is built for first responders

For over 50 years, G.L McGavin have been the name that professionals trust the moment they can't afford to be wrong. Our devices are trusted globally to detect the presence of AC or DC electrical fields without contact.

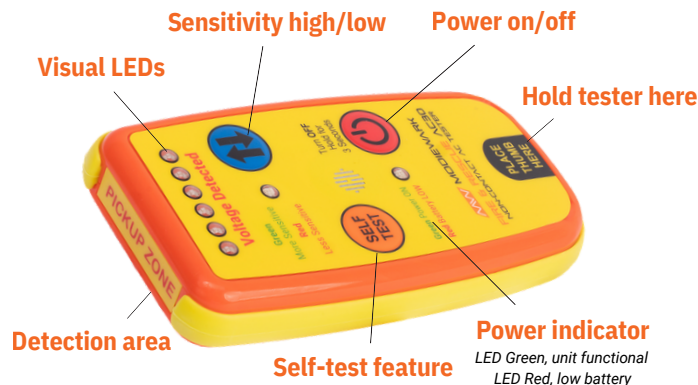
Live or dead situations? Know in seconds. Non-contact certainty, held in the palm of your hands. We are the manufacturer of the tester that gives emergency services confidence when seconds count.



Warning: High voltage testing should only be carried out by trained personnel. Do not hold this instrument in your hand and make contact with live electrical conductors in excess of 650V AC.

AC30 Operation

Components



Battery Replacement

The AC30 can use 4x AAA size alkaline, lithium or rechargeable batteries. The batteries are placed on the backside of the unit, behind the battery panel. Please reference image on the right.

Step 1

To replace batteries inside the unit, unscrew the four battery lid screws with a torx T6 screwdriver in an anti-clockwise direction until all screws are loose.



Step 2

Place the new, fully charged batteries inside the unit.

Important: All 4 batteries **must** be placed in the correct positive and negative pattern. Please reference the images to ensure your input is correct.



Step 3

Double-check that all batteries are in the correct format. Place the battery lid back onto the unit, check the o-ring seal, and tighten the screws in a clockwise motion until firm.

Important: The two smaller screws must be used on the top two screw holes. Likewise, the longer screws on the bottom screw holes.

Self Testing Feature

The AC30 has a self-checking feature that provides a circuit test. By pressing the orange self-test button, it self generates a signal throughout the board. Activating both visual and audio cues by emitting a buzzer sound and visual red LED illumination.

Important: We recommend you to utilise the self-testing feature before and during electrical work as this ensures the tester is in working condition.

Battery Low Indicator

With fully charged batteries, the testers power LED will be illuminated **Green**. As batteries become diminished, the LED will shift to **Red** and indicate that the batteries need replacing.

Unit Operations

Step 1

Turn on the AC30 unit by pressing the red power button. The testers 6 LED lights will illuminate, and then go blank, indicating that it is ready for voltage testing.

Note: The tester will always begin on the HIGH setting.

Step 2

Press the self-test button to initiate the self-test function. Ensure that all 6 LEDs illuminate, the battery is healthy and the device is loud, clear and operational.

If this does not occur please see Troubleshooting.

Step 3

Hold the tester with your thumb on the indicated position with your arm outstretched.

Important: The closer the unit is to your body, the lower the detection distance between you and the electrical field.

Step 4

Starting on HIGH, raise the tester towards the potential live area.

Note: If the tester has not detected a voltage on HIGH, confirm the self-test and/or Modielive, see Troubleshooting, or move closer to the test area at a safe distance and repeat this step.

Step 5

After detection, now lower the tester where no alarm should sound at this point. Utilise the self-test feature and repeat step 4 to confirm the detection.

Step 6

Now you have confirmed detection. Please be safe, and work with/around this hazard at a safe distance. Or turn off the main switch and begin these steps again to test if the voltage is still present.

Important Safety Concern

G.L McGavin is not able to provide a tailored testing procedure for your workplace. We can provide general instructions, but G.L McGavin is not liable for supplying an exact field procedure. Your employer must provide the correct training and procedure for your specific needs and safety protocols.

Explore More On Our Website Today!



Used by industry leading professionals

Self-testing feature

Detects up to a 750,000V AC field

Easy to use

Trusted design that is built to last

Fast and easy to use even while wearing PPE

Troubleshooting

If the AC30 unit is not turning on:

- Remove the battery lid and check the batteries are placed in the correct way.
- See Battery Replacement and replace batteries as they may be diminished.
- If sound, LED illumination, switch settings are not working or unit is unresponsive. Please flag and return to manufacturer.

Available with the world leading Modielive range of voltage testers

