



**MANTECH<sup>®</sup>**  
**ELECTRONICS**

*International Components Distributor*

TEL JHB : (011) 493-9307  
CAPE : (021) 535-3150  
KZN : (031) 309-7686

FAX : (011) 493-9319

sales@mantech.co.za

www.mantech.co.za

## FREEZE 75

### REDUCES REPAIR TIMES TO MINUTES

Thermal interruptions are a very common cause of failure in electronic equipment and are often very hard to pinpoint. Time-consuming measurements often take up hours of technicians' time. FREEZE 75 provides an instant solution by cooling down circuitry to -49°C. Intermittent short circuits or interruptions in condensers or resistors are quickly discovered with FREEZE 75.



| FEATURES   | APPLICATIONS   |
|--|--|
| <ul style="list-style-type: none"> <li>• Causes an immediate reduction in temperature to -49°C.</li> <li>• Makes it possible to cool individual components through selective treatment.</li> <li>• Non-conducting.</li> <li>• Non-flammable.</li> <li>• Does not affect materials.</li> <li>• No longer necessary to test and measure individual components.</li> <li>• Immediately detects the problem through cold shock.</li> </ul> | <ul style="list-style-type: none"> <li>• Components that are suspected of failure.</li> <li>• Integrated circuits, condensers, resistors react immediately, changing their output (e.g. on a TV-screen).</li> <li>• Can be used to instantly test:               <ul style="list-style-type: none"> <li>- Electronic components</li> <li>- Thermostats in refrigerators and freezers</li> <li>- TN starting systems</li> <li>- Control systems</li> <li>- Thermal valves</li> <li>- Electronic carburettor components</li> <li>- Ignition systems</li> </ul> </li> <li>• Indispensable in mechanical engineering, dentistry and histology.</li> <li>• To remove chewing gum from fabrics.</li> </ul> |

|                   |                        |
|-------------------|------------------------|
| Density at 20°C : | 1,15 g/cm <sup>3</sup> |
| Evaporation :     | complete               |
| Cooling :         | down to - 49 °C        |
| Vapour pressure : | 460 kPa (@ 20°C)       |

PO BOX 260455 - EXCOM - 2023 - SOUTH AFRICA



Directors : Manuel Moutinho, Measure Hung (British)