Teledyne UK limited
Waterhouse Lane, Chelmsford, Essex CM1 2QU United Kingdom
Telephone: +44 (0) 1245 493493 Facsimile: +44 (0) 1245 492492
Internet: www.teledyne-e2v.com

Your delivery is subject to:

General Terms and Conditions of Sale

Link: https://www.teledyne-e2v.com/about-us/terms-and-conditions/

Product Service Report (RMA)

Link: https://www.teledyne-e2v.com/contact-us/customer-returns/

Product Safety Notice

Teledyne UK products are safe to handle and operate, provided that the precautions recommended in the specific product data sheets and/or component and equipment handbooks and in the product markings are observed. Teledyne UK does not accept responsibility for damage or injury resulting from failure to observe these precautions Original equipment manufacturers, users, and service personnel must ensure that adequate precautions are taken. Appropriate warning markings must be provided on equipment incorporating Teledyne UK products and in associated operating manuals.

The signs and symbols used on all Teledyne UK products, labels, packaging, and manuals conform to:

IEC 60417 – "Graphical symbols for use on Electrical Equipment" and/or
BS 5499-5 – "Graphical Symbols and Signs: Safety Signs including fire Safety Signs: Signs with Specific Safety Meanings"

High Voltage

Teledyne UK equipment is designed to prevent access to high voltage circuits and complies with relevant statutory requirements and related technical standards concerning equipment safety. System manufacturers and installers are responsible for meeting these requirements when incorporating Teledyne UK products into their designs.

RF Radiation

Personnel must not be exposed to excessive RF radiation. All RF connectors and cavities must be correctly fitted or apertures adequately blanked off before operation so that no leakage of RF energy can occur and the RF output must be coupled efficiently to the load. It is particularly dangerous to look into waveguide or coaxial feeders or transmitter antennae whilst the device is energised.

X-Ray Radiation

All high voltage products operating at voltages above 5kV produce progressively more deeply penetrating X-rays as the voltage is increased. The product envelope usually provides only limited protection and further shielding may be required. It should be noted that X-rays emitted by magnetrons and power klystrons correspond to a voltage equal to approximately twice the applied voltage.

Beryllium Oxide Ceramics

Some Teledyne UK products use beryllium oxide ceramics (coloured blue or marked with a black line). These products are marked with the toxic warning symbol shown above. Beryllium oxide dust or fumes are highly toxic if inhaled or ingested or if particles enter the body via a cut or abrasion. Avoid handling the beryllium oxide ceramics. If beryllium oxide ceramics are touched, the hands must be washed before eating or smoking. Do nothing to the beryllium oxide ceramics that may produce dust or fumes. Cleaning information is available from Teledyne UK. Information on the procedure to follow if a beryllium oxide ceramic is broken is provided with the product.

Toxic Materials

Certain products may contain very small amounts of toxic substances. Handling and disposal requirements can be found in the appropriate Product Safety Data Sheet.

Teledyne UK limited
Waterhouse Lane, Chelmsford, Essex CM1 2QU United Kingdom
Telephone: +44 (0) 1245 493493 Facsimile: +44 (0) 1245 492492
Internet: www.teledyne-e2v.com

Radioactive Materials

Very small quantities of radioactive material (Tritium ^{3}H) are incorporated in some electronic products such as the T.R. Tube (transmit/receive tube) and spark gaps. Products are marked with their activity level. Products having an activity 55.5 MBq fall within the scope of Environmental Permitting Regulations 2016; and require no special precautions in handling, operating, or disposal except that they should not be stored near photographic film, and no more than 100 such devices should be disposed of as waste at any one time. In the event of fire involving large numbers of devices the area should be monitored to determine the degree of contamination. Devices having an activity level 45.5 MBq fall within the scope of the Radioactive Substances Act 1993 and are classified as a Hazard. These products should be stored, handled and disposed of as special waste.

Implosion

All high vacuum tubes store potential energy by virtue of their vacuum. The energy level is low in small tubes but represents a significant hazard in larger glass-bulbed tubes, particularly if the tube is dropped or subjected to violent impact. Such tubes must be stored and transported in their approved packs. Tubes should be adequately supported during installation or replacement and care should be taken to avoid scratching or damaging the tube in any way likely to reduce the strength of the glass envelope. The use of protective visors and gloves when handling tubes is recommended.

Explosion

Some products such as spark gaps are pressurised, and precautions should be followed as for implosion.

Batteries

Some products include either primary or secondary batteries. These may present a heating, fire, or explosion hazard if incorrectly connected or if attempts are made to recharge primary batteries. Follow instructions supplied and dispose of used batteries in accordance with local regulations.

Magnets

Products and equipment containing high energy permanent magnets may constitute a hazard to servicing personnel as a result of the large attractive force exerted on steel tools, e.g. spanners, causing entrapment of fingers or small areas of flesh. The use of non-magnetic tools in the close proximity of these magnets is highly recommended.

Handling and Transportation

Products exceeding 23kg (50lb) in weight should NOT be lifted or handled without assistance. The wearing of safety shoes is recommended when handling such products. Some items have their centre of gravity unexpectedly displaced from their centre of volume and extreme care should be exercised when handling them to avoid toppling or similar uncontrolled movements. Use only the tested and certified lifting equipment supplied with the product in accordance with the instructions for use supplied with it.

Disposal at End of Life

Products should always be disposed of in accordance with local environmental protection regulations. Advice on the hazards presented by specific products and recommendations for safe disposal is available on request from Teledyne UK.

Teledyne UK equipment products that are within the scope of the WEEE Directive, 2012/19/ EU, will be marked with the required crossed-out "wheelie bin" symbol. In the UK, contact the Teledyne UK customer services for details of the compliance scheme that Teledyne UK belongs to, and who will arrange collection and disposal.

Teledyne UK is unable to receive end-of-life product directly for disposal as this would contravene waste management legislation. Similarly, Teledyne UK cannot receive product for disposal from other countries, as this contravenes legislation governing transhipment of waste across borders.

Teledyne UK can offer an evaluation service where product can be assessed for its remaining useful life and, if found to be beyond economic repair, can be scrapped to avoid incurring further charges. This service is chargeable.

Teledyne UK can also offer a decommissioning service whereby product can be rendered non-operational prior to disposal. This service is also chargeable.