

Safety Enclosures for Automated Dispensing Systems

Custom built UKCA(CE) compliant enclosures designed for operator safety

Our enclosures are designed and built to meet the requirements of The Supply of Machinery (Safety) Regulations 2008 and Designated Standards.

In addition to your purchase of dispensing automation from us, we recommend one of our UKCA(CE) marked safety enclosures. These purpose-built enclosures will help you meet your health and safety obligations under the Use of Work Equipment Directive 2009/104/EC and allow you to manage the responsibilities coming from your risk assessment of the process – hassle free and at low cost.

Available in both benchtop and freestanding configurations, safety enclosures provide a clean, professional, and safe work environment to operate your dispensing equipment.

Incorporating a four-sided polycarbonate shell, front facing infra-red safety curtain (or interlocked doors) and start/stop box with cut-off switch, enclosures from Intertronics ensure that operators and machinery do not come into contact during operation.

Benefits

- **Compliance;** meets the requirements of EU Machinery Directive 2006/42/EC and UKCA
- **Workforce protection;** provides safeguards from operational hazards
- **Plug and play compatibility;** integrates seamlessly with Fisnar robotic dispensing systems
- **Single Source;** mitigates incompatibility and time and resource loss by having a single supplier for both robot and enclosure

Features

- Exterior mounted controls allow safe operation during part processing
- Internal electrical box and integrated cable ducting create a clean, professional working environment
- Light curtains or interlocks provide easy and safe access inside the system
- Robust aluminum frame with polycarbonate side panels provides resistance to knocks and bumps



UKCA compliant safety enclosure

**UK
CA**

Robot Compatibility

	Benchtop Enclosure	Freestanding Enclosure
F4200N.2	●	
F4300 Advance Series	●	●
F4400 Advance Series		●
F4500 Advance Series		●
F4600 Advance Series		●
F5000 Series	●	●
F6000 Advance Series		●

Customisation

In addition to pre-constructed systems, our in-house technical team can design and construct custom enclosures to your suit your specific requirements. Additional optional features can include:

- Custom enclosure sizing
- Monitor brackets for vision guided systems
- Custom part processing jigs
- Internal lighting
- Interlocking front facing doors
- UV blocking polycarbonate side panels
- Base plates for benchtop models
- Traffic light processing beacons



Each enclosure is custom designed in-house

Certification

In addition to European regulations, Intertronics safety enclosures also conform to relevant UK Statutory Instruments, including the latest versions of:

- Supply of Machinery (Safety) Regulations
- Electromagnetic Compatibility Regulations
- Electrical Equipment (Safety) Regulations

Next Steps

To help with specifying a safety enclosure, our product specialists would be happy to discuss your application to determine which might be most suitable. [Contact us](#) for further information and assistance.



Contact us for more information on our robots for dispensing, curing and surface preparation

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