

Amber Instruments Ltd

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Protective enclosures

Weatherproof enclosures

A range of enclosures and carrying cases to suit all Squirrel data loggers to protect them in harsh operating environments.

- » Robust, plastic, waterproof cases (which can be padlocked) for maximum protection and security in harsh environments
- » PEL4 for SQ2020/2040 data loggers, size: 41cm x 33cm x 18cm
- » PEL1 for SQ2010 data logger, size: 34cm x 29cm x 15cm. Other sizes also available to order
- » Standard enclosures with protection rating up to IP65
- » Optional industrial enclosures giving protection up to IP68
- » Customisable to suit specific applications



Squirrel OQ610 in weatherproof case

Thermal barriers

Thermal barriers are insulated containers designed to keep heat out so that the Squirrel data logger inside remains at a safe operation temperature for a specified duration.

- » Provides protection to Squirrel data loggers when used in high temperature oven profiling applications (static or conveyor)
- » A range of standard and customised models with different performance characteristics
- » Made from stainless steel, for years of use
- » Barriers available for very high temperature applications – manufactured to order
- » Suitable for applications in food, powder coating, stove enamelling, ceramic, kiln and furnace
- » Can be constructed using special phase change material for added protection for very high temperature applications.
- » Customised barriers available to suit your specific requirements, contact sales@amberinstruments.com for more info.

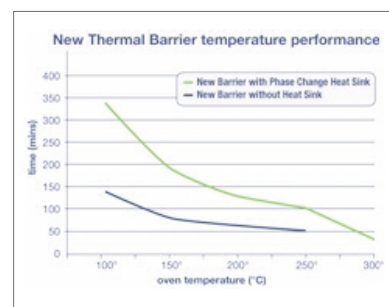


Squirrel 2020 in an electrical enclosure



Squirrel OQ610 in thermal barrier

| Barrier | TB612 with Heat Sink | | | | | TB610 without Heat Sink | | | | | |
|---------------------|----------------------|-----------------|-----|-----|-----|-------------------------|-----|-----|-----|-----|--|
| | Temp °C | 100 | 150 | 200 | 250 | 300 | 100 | 150 | 200 | 250 | |
| Duration mins | | 340 | 195 | 130 | 100 | 30 | 140 | 80 | 60 | 50 | |
| Size (l x w x h) mm | | 245 x 245 x 115 | | | | | | | | | |
| Weight kg | | 6 | | | | | 4 | | | | |



Torque Transducers, Load Cells (general purpose, weighing & fatigue rated). Multi-Axis Force/Torque, Weighing Instruments, Process Instruments, Portable Data Loggers, Pressure Sensors, Proximity Sensors, Laser (Distance Measuring) Sensors, & more.