

PRISM DESIGN

Clarity of vision

Prism cases allow an intimate close-up view of small exhibits and flat documents whilst combining effortless opening with a high level of security and environmental control.

A securely bonded all-glass vitrine is attached to a minimal metal base frame which conceals hinges, locks and gas support struts. The versatile

Prism design range allows cases to be mounted horizontally onto plinths, tables or shelves or mounted vertically to walls or other exhibition structures.

There is a wide range of plinths available; all of which can be customised.

EXHIBITION EXAMPLES

The British Museum, London, UK

Hong Kong Museum of Art,
Hong Kong

William J. Clinton Presidential Library,
Arkansas, USA

National Library of Ireland, Dublin

Bank Negara, Malaysia

TYPE OF EXHIBITS

As you can get very close to exhibits the Prism design range is ideal for small or flat intricately detailed exhibits such as coins, manuscripts, books, jewellery, gems, fossils, small archaeology and personal effects. We have also developed the Prism design range to exhibit much longer items such as scrolls.

LIGHTING

For an even light, exhibits are best lit externally with two lights positioned above the case at either side shining back across the case, this avoids light reflecting back at viewers and prevents shadows.

Where this is not possible or other lighting effects are required we

can provide a range of LED or fibre optic light fittings including gantry bars, swan neck or spotlight fittings. For more information about case lighting, see page 18.

ACCESS

These cases are usually hinged with support provided by gas struts so that they open effortlessly and the top is safely supported when open. For larger cases or where hinged opening is not possible, we can fit electrically operated synchronised motor systems in plinths or tables. When a case is located against a wall a solid back is provided with an alternative hinge position. Very small Prism cases can be made with a lighter frame and lift off glass vitrine.

PROTECTING YOUR EXHIBITS

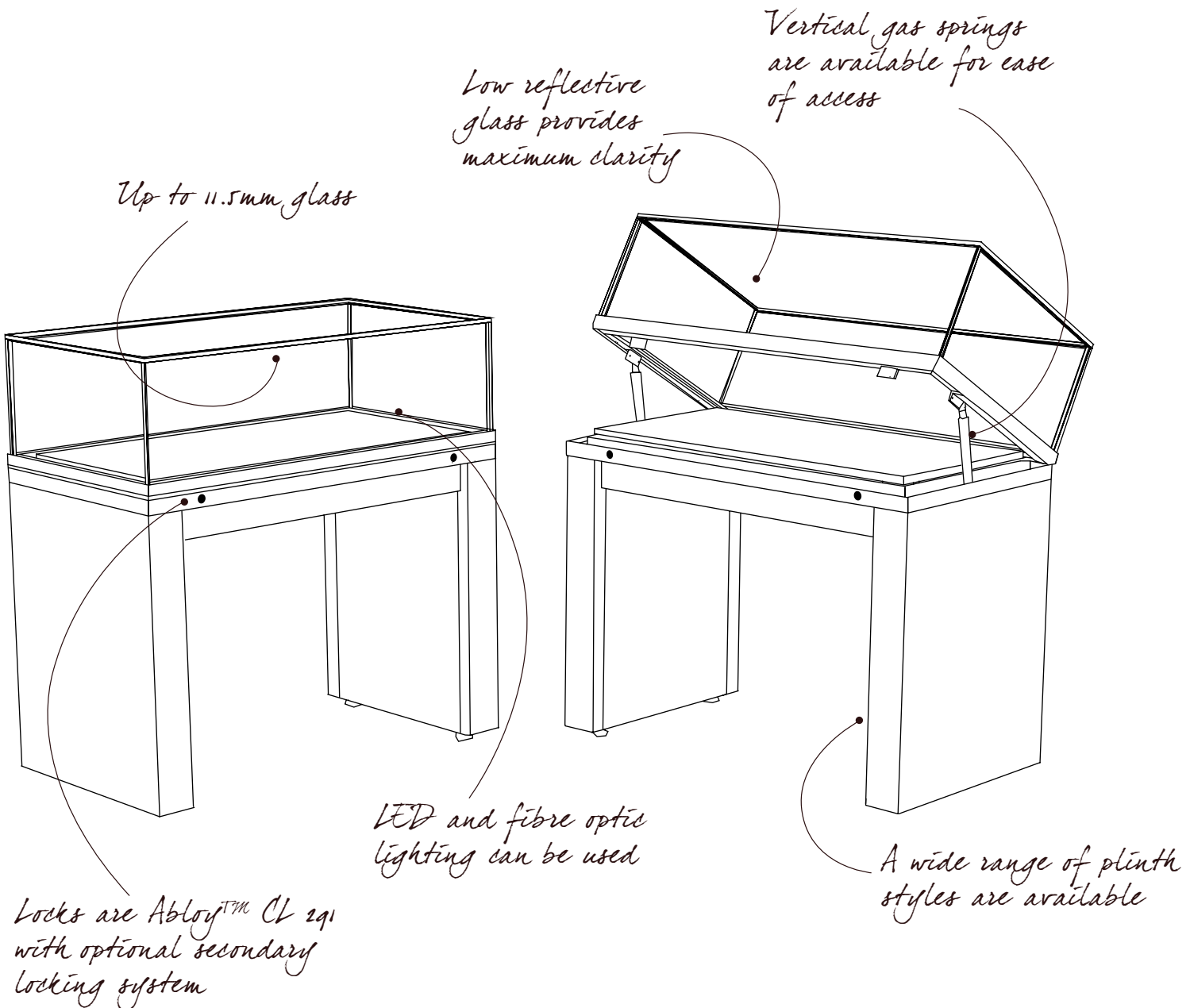
Conservation – The Prism design solution is inherently well sealed and with careful selection of baseboard materials it is suitable for the most sensitive of exhibits to be displayed. For more information about internal materials and finishes, see page 12.

Security - With the Prism design solution the bonding of the glass joints will resist attack and can be stronger than the glass itself. Cases are fitted with concealed hinges and two Abloy™ locks which provide a high level of security and a wide range of keying options. Alarm sensors are easily concealed within the case structure. For more information about case security, see page 14.





PRISM CLOSE UP



PRISM CASE SPECIFICATIONS

APPLICATION	
DESKTOP	•
WALL-MOUNTED	•
MOUNTED ON PLINTH OR SHELF	•
FORMAT	
GLASS ALL ROUND	•
SOLID BACK TO GO AGAINST WALL	•
ANGLED TOP	○
SHAPED TOP	○
LIGHTING POSITIONS	
EXTERNAL	•
GANTRY	○
BOTTOM HEADS	○
INTERNAL STALKS	○
LIGHTING TYPES	
LED	○
FIBRE OPTIC	○
ACCESS	
HINGED FROM LOWER BACK	•
HINGED FROM UPPER BACK (WHEN AGAINST WALL)	○
GAS SPRING SUPPORT	○
SUPPORT STAYS	○
SIDE HINGED (WHEN WALL MOUNTED)	○
VERTICAL LIFT - ELECTRIC OR MANUAL OPERATION	○
LIFT OFF (ONLY SUITABLE FOR VERY SMALL CASES)	○

INTERNAL MATERIALS	
STEEL	○
ALUMINIUM HONEYCOMB	○
CORIAN™	○
STONE	○
ZF MDF	•
PLYWOOD	○
INTERNAL FINISHES	
POWDERCOAT	○
NEXTEL	○
SPRAY PAINT	○
FABRIC	•
LOCKING	
2 NO. ABLOY™ CL 291 BARREL LOCKS	•
ABOVE, WITH SECONDARY MECHANICAL LOCKING	○
ELECTRIC LOCKS	○
GLASS TYPES	
LAMINATED GLASS	•
LOW IRON LAMINATED GLASS	○
LOW REFLECTIVE LOW IRON LAMINATED GLASS	○
GLASS JOINTS	
PRECISION FLAT GROUND POLISH WITH UV BOND	•
MITRE POLISH WITH UV BOND	○
PRECISION FLAT GROUND POLISH WITH SILICONE BOND	○
MITRE POLISH WITH SILICONE BOND	○

SIZES

SYSTEM CHANNELS (MM)	
BOTTOM	72
RECOMMENDED DIMENSIONS	
MIN GLASS HEIGHT	100
MAX GLASS HEIGHT	750
MIN DOOR WIDTH	300
MAX DOOR WIDTH	2000
MAX GLASS PANEL UV BOND	1.5M ²
MIN GLASS THICKNESS	9.5
MAX GLASS THICKNESS	11.5

THESE LIMITS CAN BE EXCEEDED WITH THE USE OF VERTICAL LIFT SYSTEMS AND GLASS JOINTS BONDED WITH STRUCTURAL SILICONE, ALTERNATIVELY THE VISTA DESIGN MAY OFFER A BETTER SOLUTION.

- Available on this case design
- Optional on this case design