

# LEYSOP LTD

## UK PRICE LIST

### Polarising Optics

#### **Glan-Taylor**

GT10	10mm	£365	Optical coatings – single layer on input, output and side exit faces, add £55 per face coated. Single polished side exit face, add £100. Double polished side exit face, add £135. Mounted in black anodised cylinder, add £55. Cylinder sizes: 12-25mm Ø, 15, 18, 20-35mm long. 25-50mm Ø, 35mm long. 30-50mm Ø, 45mm long.
GT12	12mm	£460	
GT15	15mm	£695	
GT18	18mm	£915	
GT20	20mm	£1,465	
GT25	25mm	£2,350	
GT30	30mm	£3,400	

#### **Brewster Cut Glan-Taylor Low Loss Polarizer**

GTB10	10mm	£1,035	This polarizer uses a Brewster cut input and output face and an internal interface which is almost at Brewster's angle for exceptionally low insertion loss.
GTB12	12mm	£1,330	

#### **Orthogonal Output Glan-Taylor in Mount**

This polariser has two side exit windows with outputs orthogonal to main beam axis and

is mounted in an anodised aluminium alloy housing as standard.

GLBS10	9mm clear aperture	£985	Including single layer anti-reflection coating.
GLBS12	11mm clear aperture	£1,560	

#### **Glan-Thompson**

Short Version			Long Version		
GTM8	8 x 8 x 20mm	£415	GTML8	8 x 8 x 24mm	£530
GTM10	10 x 10 x 25mm	£590	GTML10	10 x 10 x 30mm	£700
GTM12	12 x 12 x 30mm	£995	GTML12	12 x 12 x 36mm	£1,415
GTM15	15 x 15 x 38mm	£1,395	GTML15	15 x 15 x 45mm	£2,000
GTM20	20 x 20 x 50mm	£2,700	GTML20	20 x 20 x 60mm	£4,120

#### **Calcite Wollaston**

#### **Calcite Rochon**

20° Deviation			10° Deviation		
BSW/C	10mm	£400	BSR/C	10mm	£400
BSW/C	12mm	£470	BSR/C	12mm	£470
BSW/C	15mm	£790	BSR/C	15mm	£790
BSW/C	20mm	£1,500	BSR/C	20mm	£1,500

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## Quartz Wollaston

## Quartz Rochon

1° Deviation			0.5° Deviation		
BSW/Q	10mm	£465	BSR/Q	10mm	£465
BSW/Q	12mm	£560	BSR/Q	12mm	£560
BSW/Q	15mm	£780	BSR/Q	15mm	£780
BSW/Q	20mm	POA*	BSR/Q	20mm	POA*

\* Price On Application

*Optically contacted Wollaston and Rochon types are available; add £120 nett.*

*Optical coatings; add £100.*

*Mounted in black anodised cylinder; add £50*

## Calcite Lyot De-Polariser

CLD10	Two plates 2.5 and 5.0mm thick, axes at 45°	10mm diameter	£610
CLD25	Two plates 2.5 and 5.0mm thick, axes at 45°	25mm diameter	£995

*Prices include single layer anti-reflection coatings.*

## Quartz Low Order Retardation Plates – Mounted ( $\lambda/4$ - $\lambda/2$ )

<i>For Stock Items Only</i>			Price	
Model	Clear Aperture	Mount Diameter	Un-Coated	Coated
QWP10	10mm	25mm	£195	£290
QWP20	20mm	25mm	£295	£475
QWP25	25mm	35mm	£385	£580
QWP30	30mm	40mm	£550	£785

*Price reductions available for quantities - Please enquire*

## High Power Laser Attenuator

HLP A10	9mm clear aperture	£1,600	30mm Cage system compatible design. Including single layer anti-reflection coatings.
HLP A12	11mm clear aperture	£1,840	
HLP A15	14mm clear aperture	£2,215	
For high precision version with micrometer adjustment: Add £145			

## 45° Faraday Rotators and Isolators; 5mm Aperture

		Excluding Polarisers	Including Polarisers
FOI 5/57	0.5-0.75 $\mu$ m	£1,465	£1,895
FOI 5/57	0.75-0.85 $\mu$ m	£1,595	£2,175
FOI 5/57	0.85-0.90 $\mu$ m	£1,675	£2,220
FOI 5/57BB	0.70-0.90 $\mu$ m Broad Band (90°)	£1,795	£2,330
FOI 5/57UWB	0.65-1.1 $\mu$ m	£2,225	£2,655
FOI 5/711	0.85-1.1 $\mu$ m	£1,850	£2,415

**8mm Aperture rotators/isolators are available; Rotator: £3,405, Isolator: £4,085**

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## Electro-Optics

### **Low Voltage Modulators**

EM200A	£1,700	EM400A	£2,150	Prices include anti-reflection coatings on windows. UV operation requires fused silica windows at extra cost.
EM200K	£1,700	EM400K	£2,150	
EM200L	£1,850	EM400L	£2,200	

### **Transverse Field Lithium Niobate Pockels Cells for Q-Switching**

LNQ	Crystal 9 x 9 x 25mm, coated for 1064nm	£1,100	Un-Mounted
LNQM	Crystal 9 x 9 x 25mm, coated for 1064nm	£1,800	Mounted

### **Longitudinal Field KD\*P Pockels Cells for Q-Switching**

EM508	8mm Aperture	£1,145	Prices include AR coatings on windows and fluorocarbon filling. Dry cells; +£200@1064 Prices assume one HV BNC 50Ω connector. Add £45 per additional connector needed.
EM510	10mm Aperture	£1,305	
EM512	12mm Aperture	£1,515	
EM515	15mm Aperture	£2,350	
EM520	20mm Aperture	£3,845	

### **Compact Longitudinal Field KD\*P Pockels Cells for OEM Q-Switching**

EM508M	8mm Aperture	£1,145	Removable pin or M3 stud contacts may be specified. Price assumes fluorocarbon filling. Dry cells available at additional cost (e.g. +£200 at 1064nm), HHT at +£350 (+£300 800HE)
EM510M	10mm Aperture	£1,305	
EM512M	12mm Aperture	£1,515	
EM515M	15mm Aperture	£2,350	
EM520M	20mm Aperture	£3,845	
EM510C	10mm Aperture	£1,300	Dry, 1047-1080nm standard

### **Double Crystal 8mm Pockels Cells for Lower Voltage Q-switching**

EM508/2 or EM508M/2	Two crystal 8mm aperture	£2,300
EM510/2 or EM510M/2	Two crystal 10mm aperture	£2,550

### **Special Pockels Cells for Pulse Slicing and Pulse Picking**

UPC068	6mm aperture ultra fast (180ps) Pockels cell.	£2,800
UPC068/2	Double crystal version of UPC068 for half voltage operation.	£3,200
EM505	5mm aperture 3 electrode Pockels cell ideal for use with two avalanche drivers etc. Fluid filled	£2,100

### **100kHz RTP Q-Switch System (standard AR coating for 1064nm e.g.)**

3mm Aperture RTP Q-switch	<i>Price On Application</i>
4mm Aperture RTP Q-switch	<i>Price On Application</i>
6mm Aperture RTP Q-switch	<i>Price On Application</i>
100kHz 2kV Q-switch driver	<i>Price On Application</i>

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## **Phase Modulators**

PM10-/50MHz - Single frequency	£2,250 without driver
PM50-/100MHz - Single frequency	£1,995 without driver

**Custom Pockels cells and modulators for special applications are also available. Please enquire.**

## **Electro-Optic Deflectors (lithium niobate or lithium tantalate for general applications)**

ED1	1mm Aperture	£1,995
ED2	2mm Aperture	£2,300
ED3	3mm Aperture	£2,600

## **High Laser Damage Electro-Optic Deflector for Q-switching applications**

ED0.8H	0.8mm Aperture	£3,050
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## **Electronics**

### **Analogue Drivers for Electro-Optic Modulators**

M250	£3,500
M500	£4,900
M1000	£4,900
M2500	£4,900
M5000	£4,700

### **High Voltage Generators for Q-Switching**

Please enquire about available options – we can offer many solutions for this and other applications.

### **900V Pulse Generator for Deflector Q-switch**

900V, <5ns rise time, up to 20kHz min. prf	£3,200
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**Other drivers are available for specialist applications including sub-ns for use with UPC; please enquire for any requirements not shown above.**

**All prices are nett and exclude VAT, postage and packaging. Payment terms on application. Prices and specifications are for guidance only, subject to change without notice. Please enquire for a quotation against your specific requirements.**