

CO₂mpact Beam Pipes, Supports and Accessories

Umicore Laser Optics supply CO₂mpact Beam Pipes and Pipe Supports to safely contain the beam.

Introduction

Umicore Laser Optics provide Beam Pipes that safely contain the beam while allowing other parts of the system to be interconnected, and in conjunction with our Pipe Supports, rigidly maintain the beam axis height.

Pipes are supplied in standard lengths as show Table 1 opposite. Each pipe is supplied with one internal coupling ring. Alternatively custom length piping is available upon request.

Umicore Laser Optics also supply extender pipes that can fill the in-between sizes, or could be used as a coarse focus adjustment.

Optional Equipment

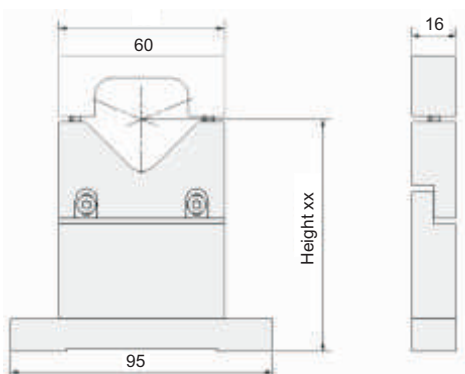
Convertor rings and retractable mounts are also available if required to lock components together in a particular orientation. Please ask for further information.

Features

- Safely contain beam
- Maintain beam axis height
- Extendable pipes available to bridge gaps

The CO₂mpact range

- 3| Technical dimensions of the C-PSXX from Umicore Laser Optics.



- 1| Extendable beam pipe

- 2| Beam pipe



Table 1: Beam Pipe Specifications

Part Num	Dia.	Length	Clear Aperture
C-BPXX	31mm	XXmm	19mm
C-BP50/70	31mm	50-70mm	19mm
C-BP85/125	31mm	85-125mm	19mm

Table 2: CO₂mpact Pipe Support specifications

Part Number	Height	Width	Length
C-PSXX	XXmm	95mm	16mm

Table 3: CO₂mpact specifications

Laser Power	Clear Aperture
Up to 500W	14.5mm to 22mm

- 4| Technical dimensions of the C-BPEXX/XX from Umicore Laser Optics.

