

Bright

Instruments

9400 CRYOSTAT



INTRODUCTION

Bright instruments have been specialising in the development and production of cryostats for over 50 years.

The Bright Instruments 9400 cryostat has been developed for applications when normal cryostats are not large or powerful enough.

The Control panel is the central point of control for the unit, allowing the user to easily customise settings such as temperature, thickness, batch quantities and switch between single and continuous cutting modes.

The 9400 is an extremely versatile machine and can be used in sectors such as:

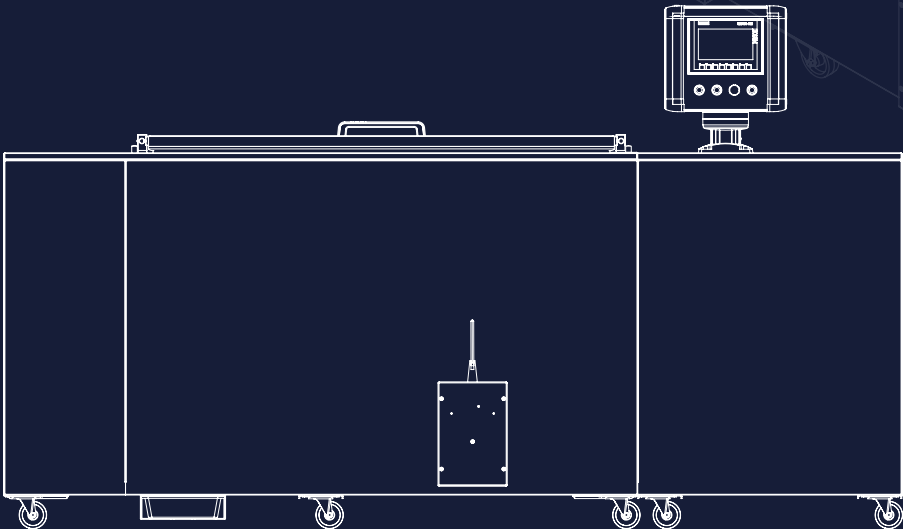
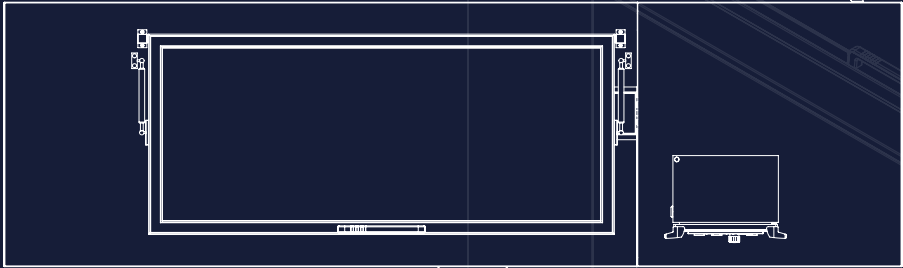
- Medical
- Research
- Automotive
- Material Analysis
- Histology
- Life Science
- Forestry

FEATURES AND BENEFITS

- Touch screen Control.
- Waste collection tray.
- Heated anti-fog window.
- Can cut a large range of specimen sizes up to 400 x 150 x 110mm.
- Chamber can be cooled down to temperatures of -35
- Customisable Zonal speed control for quicker sectioning.
- Solid steel/Tungsten knife & disposable blade options available.
- Knee switch (optional).
- Easy to clean.
- Ample cold storage.
- 3-5 year warranty (optional)



9400 CRYOSTAT SPECIFICATION



REFRIGERATION
No. of Compressors
Minimum Temperature

2 (Dual Compressor)
-35 °C @ 21 °C Ambient

Chamber
Illumination
De-misting

Stainless steel
LED light strip x 2
Automatically operated Triplex heated glass window.

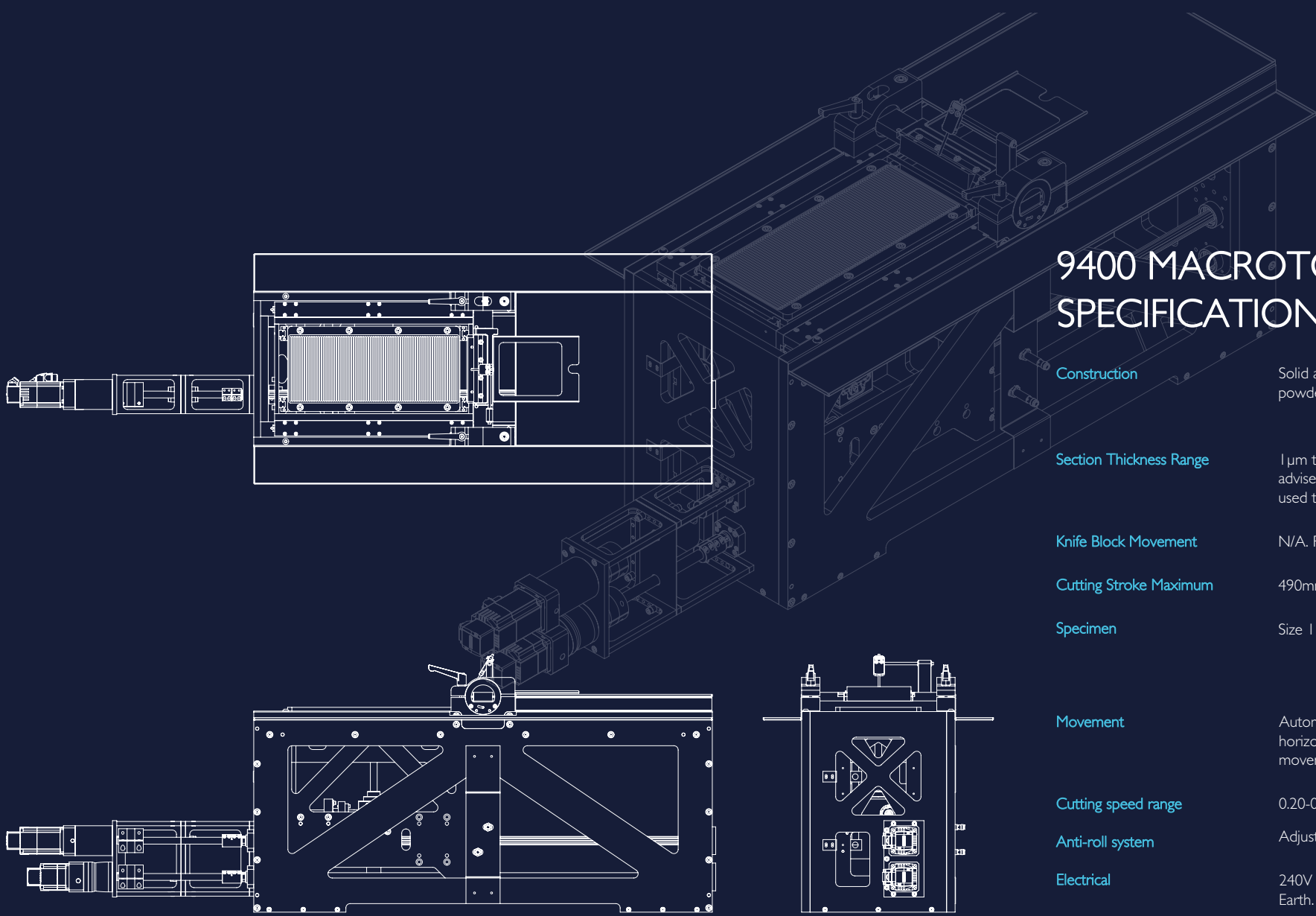
Cabinet
Dimensions

PVC coated sheet steel.
Chamber dimensions: H815 x W1230 x D560mm
Cabinet dimensions: H1040 x W2556 x D753mm (Excluding control unit)
H1420 x W2556 x D753mm (Including control unit)

Packing

Gross weight: 367kg Packing dimensions: H1300 x W2800 x D900mm Shipping volume: 3.3m³

Weights vary according to specification of instrument



9400 MACROTOME SPECIFICATION

Construction	Solid aluminium frame with a powder coated gloss finish.
Section Thickness Range	1µm to 200µm in 1µm increments. (It is advised that a machine of this size is not used to section below 5 microns).
Knife Block Movement	N/A. Fixed.
Cutting Stroke Maximum	490mm.
Specimen	Size 110 (H) x 150 (W) x 400 (L) mm
Movement	Automatic operation, Fixed blade, horizontal and vertical axis table movement.
Cutting speed range	0.20-0.80mm/sec
Anti-roll system	Adjustable Perspex anti-roll plate.
Electrical	240V AC Single Phase, Neutral, Earth. 50Hz. 20A.

Weights vary according to specification of instrument

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ORDER LIST 2020

Code	Description
246-440	Steel Knife blade.
246-441	Tungsten Knife blade.
246-442	Feather/Steel blade holder.
50241	80mm low profile feather blades (50).
54325	120mm low profile feather blades (20).

Code	Description
246-105	Knife slide holder S.
246-106	Knife slide holder M.
246-107	Knife slide holder L.
245-132	Slide holder rack S.
245-135	Slide holder rack M.
245-137	Slide holder rack L.

Code	Description
54321	120mm Anti-roll plate.
54322	150mm Anti-roll plate.
54320	170mm Anti-roll plate.

Code	Description
246-433	100 x 100 Specimen plate.
246-434	200 x 150 Specimen plate.
246-435	300 x 150 Specimen plate.
246-436	400 x 150 Specimen plate.
246-045	Pivoting Specimen plate Adapter.

Code	Description
57713-1	Bright Cryospray 134, 300ml.
57713	Bright Cryospray 134, 300ml aerosol can, carton of 12 cans.
53581-1	Bright Cryo-M-Bed, 120ml bottle.
53581	Bright Cryo-M-Bed, 120ml bottle, carton of six bottles.
54270	Aero Bright Grease.
57344	Knife cleaning brush.
57796	Dusting brush.

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MADE IN BRITAIN 

* Included in standard order | **Not included in overseas orders. VAT not included - E & OE
Valid from 1 January 2019

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