

SPECIFICATION AND ACCESSORIES

7.1 SPECIFICATION

7.1.1 Physical

Main Instrument	Width	410 mm	(16½ ins)
	Depth	500 mm	(20 ins)
	Height	290 mm	(11½ ins)
	Weight	40 kg	(88 lbs)

Mounting

4 rubber feet

4 x AA (1.5V Alkaline)

7.1.2 Electrical

Batteries

7.1.3 Operational parameters

Specimen advance	1 to 30 µm in 1 µm steps
Specimen coarse advance	200 µm per revolution (clockwise to advance specimen)
Total specimen advance	18mm
Advance between audible limits	16mm
Knife travel	30mm
Specimen stroke	52mm
Knife tilt	0 to 35 degrees (depending on type of knife holder)
Specimen tilt	± 5 degrees with X-Y micro adjust
Specimen retraction	40 - 50 µm

7.1.4 Indicators

Display panels

2 digit LCD (0 - 99) section counter
Red-Green-Red visible travel

indicator

Push buttons

Counter reset (black)

Alarms

Audible Start and End of Travel

7.1.5 Environment

General

Temperature (operation)	Indoor use only
Temperature (transit / storage)	+5°C to +40°C
Relative Humidity	-25°C to +55°C 80% max. for temperatures < 31°C decreasing linearly to 50% at 40°C

Altitude

(Non-condensing environment)
up to 2000m (6,500 feet)

Pollution degree

2

7.1.6 Instrument Part Numbers

Finesse 325	A78100001
Finesse 325 Basic	A78100005

Undo the connector by gently separating it from the printed circuit board (a).

Remove the outer cover completely.

Unscrew each of the three red transit screws (b) in turn, and remove the associated red transit pillars.

DO NOT DISCARD THE TRANSIT FIXINGS. RETAIN THEM IN A SEALABLE POLYTHENE BAG FOR FUTURE USE. (NOTE THAT THE SCREWS CAN BE REFITTED AND KEPT IN SITU IF REQUIRED - MAKE SURE THAT THEY ARE SECURELY SCREWED INTO PLACE)

Locate the battery connector (c) and make sure that it is correctly orientated before fitting it on the battery pack.

Return the outer cover to an upright position at the front of the microtome and re-make the electrical connections to the printed circuit board.

Fit the outer cover in position and press down firmly until it snaps into place on the spring clips.

