

HEAD OFFICE
Newall Measurement Systems Ltd.
 Technology Gateway, Cornwall Road
 South Wigston
 Leicester LE18 4XH
 United Kingdom
 Telephone: +44 (0)116 264 2730
 Facsimile: +44 (0)116 264 2731
 Email: sales@newall.co.uk
 Web: http://newall.com

Newall Electronics, Inc.
 1778 Dividend Drive
 Columbus, OH 43228
 Telephone: +1 614 771 0213
 Toll Free: 800.229.4376
 Facsimile: +1 614 771 0219
 Email: sales@newall.com
 Web: http://newall.com



023-81340/0

A full hard copy of the manual is available free of charge on request

NEWALL E70 Quick Start up Guide

For the complete manual please download from:
<http://newall.com> , Click technical Support to access the download page.

⚠ Warnings

The mains supply is connected through a detachable supply cord supplied. If another supply cord is used, it must have fitted a IEC320, 10A, EARTHED mains connector with a cord rated for at least 10A.

The PROTECTIVE EARTH CIRCUIT of the mains supply MUST BE CONNECTED to the protective earth terminal of the cabinet through the supply cord.

If a mains plug is not already fitted to the supply cord or is of the wrong type, then a suitable EARTHED plug should be used which complies with the relevant specifications for plugs and socket-outlets.

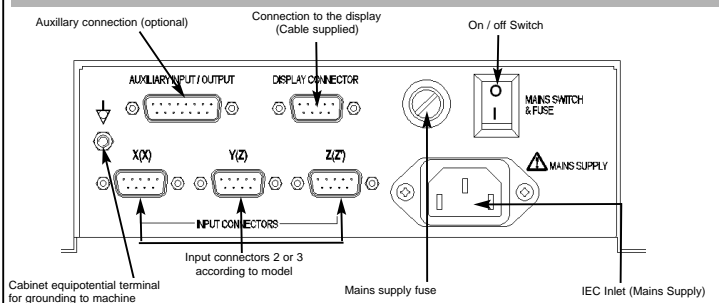
The mains supply fuse is a 20x5mm, type T0 .5A, 250v, Disconnect mains before replacing fuse.

The mains supply must be removed before opening the unit and completed by qualified personnel.

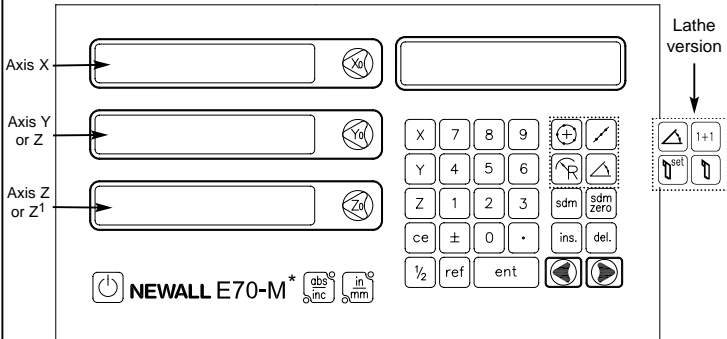
Technical Specification

Environmental		Electrical
Operating Temperature 0 to 45°C	Storage Temperature -20 to 60°C	EMC and Low Voltage Compliance BS EN 61000-6-4:2001 BS EN 61000-6-2:2001 BS EN 61010-1:2001
Environmental Conditions - indoor use, IP20 (IEC 529)		
Relative Humidity - maximum 80% for temperature up to 31°C decreasing linearly to 33% at 45°C		Operating Voltage 100 - 240V
Transient overvoltage according to INSTALLATION CATEGORY II of IEC664		Supply Voltage Fluctuation not to exceed 10% of operating voltage
Pollution Degree 2 in accordance with IEC664		Supply Frequency 50 to 60Hz
Disposal At the end of its life, you should dispose of the E70 in a safe manner applicable to electronic goods. The case work is suitable for recycling. Please consult local regulations on disposal. Note: Newall Measurements Systems reserves the right to change specifications without notice.		Maximum Power Consumption 18VA

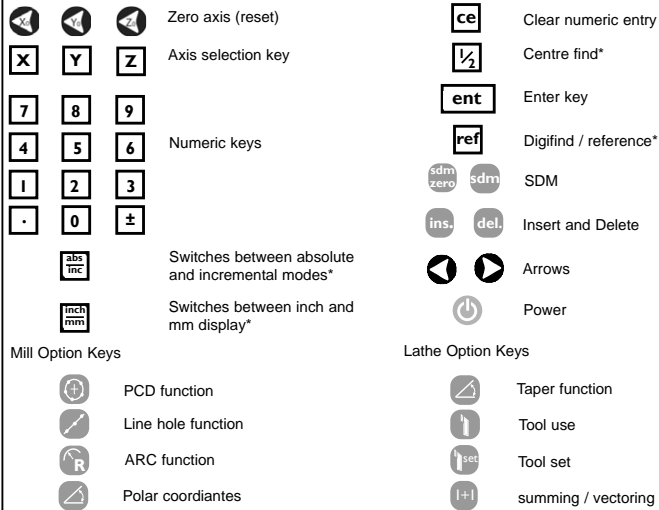
DSU Connections



Understanding the Keypad

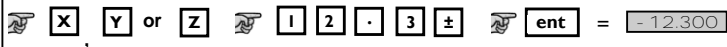


*For the lathe variant E70-L will be shown



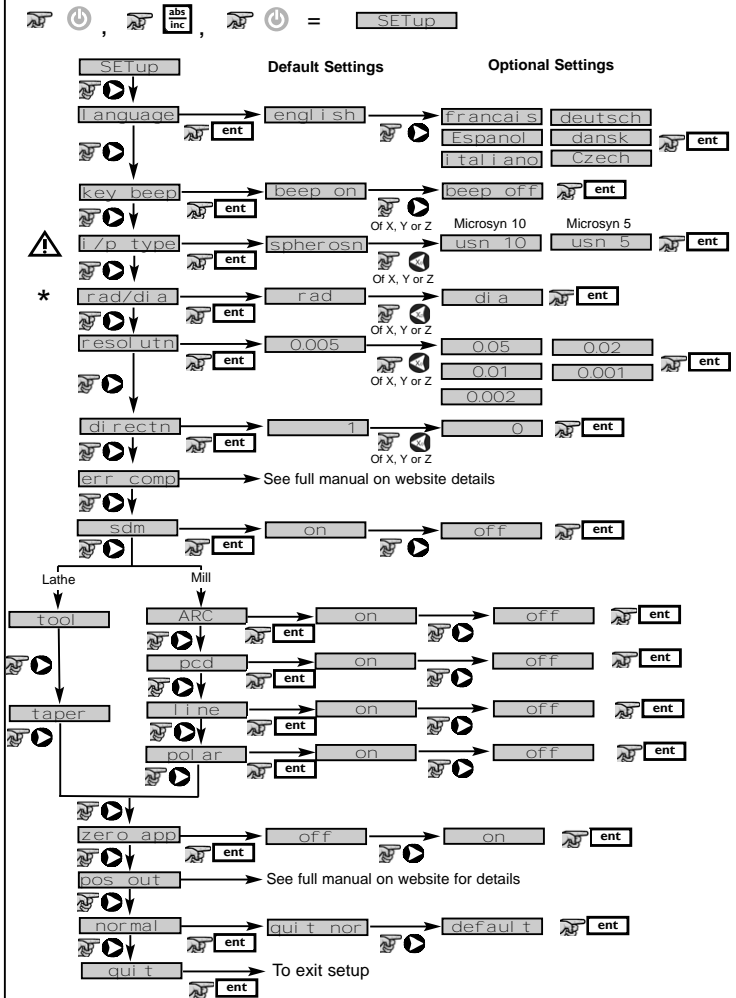
*Refer to full user manual on website for more information on these functions

Preset an Axis



Setting up the Unit

How to enter setup



⚠ Must be set to match encoder's on the machine * Lathe version, X axis set to DIA as default