

## Feature Comparison: Digital Readouts

	Newall A50	Newall C70	Newall C80	Newall E70-M	Newall E70-L	Newall Topaz
Absolute/Incremental Operations	•	•	•	•	•	•
Inch/Metric Conversion	•	•	•	•	•	•
Zero Reset/Data Preset	•	•	•	•	•	•
Data Recall		•	•	•	•	•
Data Hold		•	•	•	•	•
Radius/Diameter Readings	•	•	•	•	•	•
Center Find	•	•	•	•	•	•
Home Reference	•	•	•	•	•	•
Bolt Hole Circle			•	•		Mill version (99)
Grid Hole Array*			•			
Arc Contouring			•	•		
Zero Approach Warning			•	•	•	
Linear Error Compensation	•	•	•	•	•	•
Segmented Error Compensation	99 segments	99 segments	99 segments	99 segments	99 segments	
Memory Back-up		•	•	•	•	•
Programmable Memory			99 points	99 points	99 points	
Edit Capabilities			•	•	•	
Self Diagnostics	•	•	•	•	•	•
Polar Coordinates			•	•		
Line Hole Calculator			•	•		
Tool Offsets			•		99	Lathe version (99)
Taper Calculations			•		•	
Axis Vectoring/Summing			•		•	
Feed Rate Display			•			
Software Upgradeable (via Internet)		•	•			
Keypad	Membrane	Membrane		Membrane		Membrane
Audible Keystroke Entry		•		•		
Chassis	Metal	Die Cast		Die Cast		Die Cast
Encoder Input	Spherosyn® Microsyn®	Spherosyn® Microsyn®		Spherosyn® Microsyn®		Spherosyn® Microsyn®
Dimensions	2.8" x 5.6" x 2.8" (71 x 142 x 71mm)	10.4" x 7" x 2" (264 x 178 x 51)		6.7" x 11.6" x 1.2" (170 x 295 x 30)		5.5" x 9.5" x 3" (140 x 240 x 80mm)
Weight	1.2 lbs. (.55Kg)	6.3 lbs. (2.9Kg)		4.5 lbs. (2.1Kg)		4.5 lbs. (2.1Kg)
Voltage	115-230V	115-230V		115/230V (switchable)		115/230V (switchable)

\*Feature available for download online at [www.newall.com](http://www.newall.com). Specifications subject to change without notice.