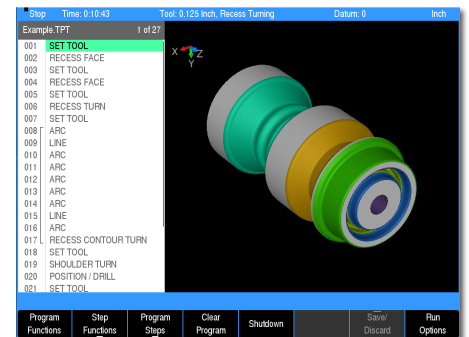
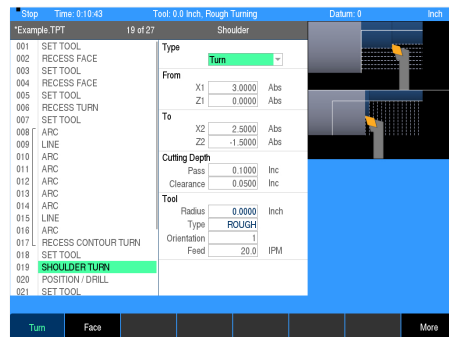
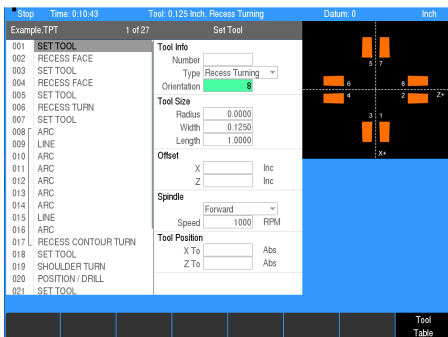
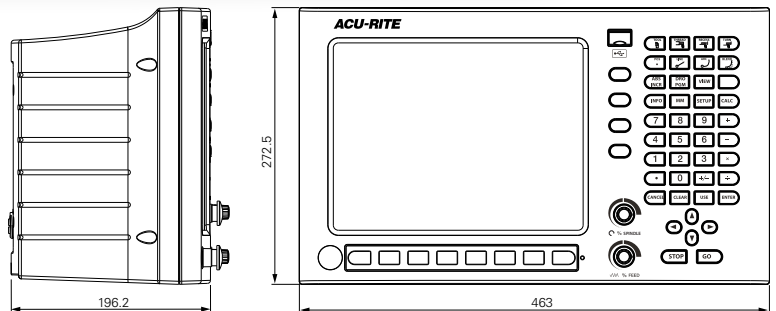


ACU-RITE®

TURNPWR Control Systems



The TURNPWR is a contouring control that enables you to program conventional machining operations right at the machine in an easy-to-use conversational language.



	TURNPWR Technical Data	
DRO Mode	• Multiple Datums (Fixture Offset): 99 • Zero Reset • Near Zero Warning	
PGM Mode	• Thread Cycles, Recess Cycles, Turning Cycles • Position / Drill, LINE, ARC, BLEND (Blend / Chamfer) • Estimated Machining Time • View Graphics: 2D Line / 3D Line / 3D Solid • Block Form w/ User Override • Replication (Repeat) • Comment Step - Event comments • Program Manager Navigation Tree w/ Program Type Filter • Long Program Names • Program Preview: Listing & Graphic w/ Estimated Machining Time • Explode Step: Repeat	• Reverse (Step / Path) • Shift Steps • Auto Save (Program) • Program Size Limit (TPT only): 9999 Steps • DXF File Import • G-code Program: w/Graphics Support / Simple Edit • On-Screen Help: User Manual Viewer (Text & Graphics) • Parts Counter & Clock • Optional Stop (G-code Only) • Feed Override: Potentiometer • Error Compensation: Linear & Bidirectional Non-linear
Processor	1.4 GHz Dual Core Celeron® Processor	
Display	12.1-inch 1024 x 768 Color LED	
Internal Storage	2.5 GB CFAST (SATA) User	
Remote Handwheel	Standard with AC kits	
Housing	Die Cast Metal Bezel & Enclosure (Back Sheet Metal, Kit Style Console)	
Connections	Ethernet, USB (x2)	
Accessories	• Linear Feedback • Electronic Edgefinder • Offline Software	
Weight	~7.7 kg	
Electrical Requirements	AC 100 V to 240 V (±10 %), 50 Hz to 60 Hz (±2 %)	
Operating Temperature	0° to 45° C (32° to 113° F)	
Storage Temperature	-20° to 70° C (-4° to 158° F)	
Protection	IP 54 (Front) / IP 40 (Back) (Kit Style Console)	

With more than one million in use today, ACU-RITE® Precision Glass Scales withstand the elements of even the harshest machine shop environments. Built to resist changes in size, shape, or density due to temperature and humidity variations, this stability provides exceptional accuracy, resulting in tighter workpiece tolerances.

ACU-RITE® scales are available in travel lengths from 1"-120" and in resolutions from 0.5µm (.00002") to 5µm (.0002").



ACU-RITE®

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Certifications

ISO-9001, UL, CSA, CE

ACU-RITE® is a registered trademark of HEIDENHAIN CORPORATION
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