ACU-RITE®
droPWR iOS App

Display area indicates current axis position. Shows forms, fields, instruction boxes, error messages and help topics

Indicates axis and provides access to axis menu

Indicates functions available based on current operating mode/menu

Toggle between Incremental and Absolute mode

Knee mill 1050 — inch

0.2500 X
0.3750 Y
0.1255 Z
1.6250 W

Tool-01   Datum 01   Inc   Abs
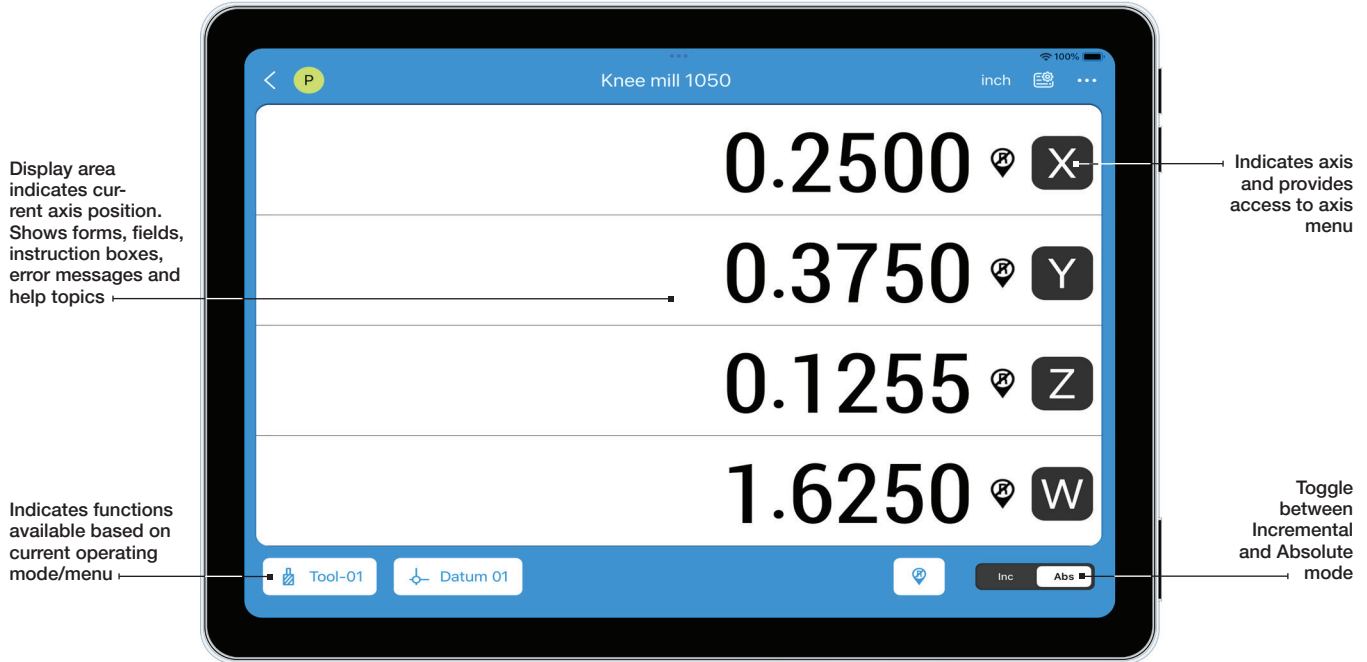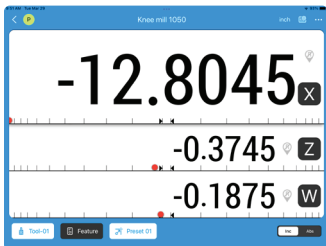
This iOS app turns an iPad®* into a digital readout! It's ideal for shop classes, production environments and small shops. It allows for multi machine tool connectivity and multiple user configurations with parameters set to each user. The on-boarding configuration easily walks the user through the application set up. It uses Bluetooth technology for wireless connectivity to encoders via an interface box (sold separately).
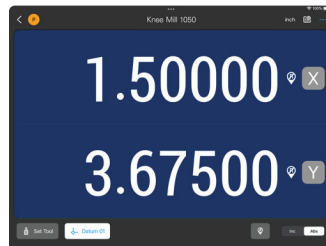
* iPad not included. iPad is registered trademark of Apple Inc.
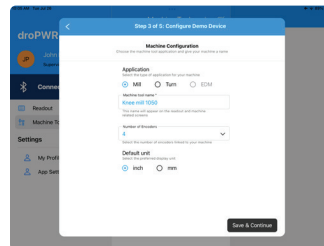
Download on the App Store

Dynamic zoom
The position value of the currently moving axis is zoomed to its maximum size. Greatly improves legibility — especially from a distance.
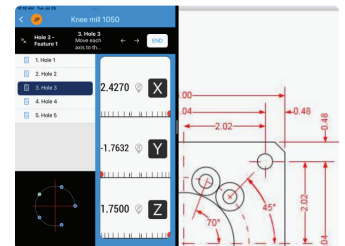
Light/dark switching
Depending on the ambient-light conditions at the machine, the screen can be switched to a light or dark background.

Configuration guide
When launching the software for the first time, a configuration guide provides step-by-step instructions until the device ready for operation.

Split screen
Allows for multitasking or having more than one application displayed at a time, the readout application on one side and part print on the other.

Encoder Interface Technical Data	**IBT400**	**IBT400+**
Hardware/mechanical design		
Housing	Aluminum extruded with protective end caps	
Dimensions (WxHxD) in mm	106x34x120	106x34x220
Encoder interfaces: TTL differential and single ended, D-SUB 9-pin	1X, 2X, 3X or 4X	1X, 2X, 3X, 4X, 5X or 6X
Data Interface	Bluetooth	
Power Adapter	12 W 5V	
Software		
Milling specific functions	• Bolt-hole pattern calculations with graphics *(full and partial circles/linear patterns)* • Centerline calculation *(establish workpiece zero and midpoints)*	
Turning specific functions	• Lock axis feature *(establish tool offsets with the tool under load, resulting in reduced tool deflection)* • Instant radius / diameter conversion	
Dialog languages	English	
Accessories		
Mounting arm	Sold separately	
Din rail	35 mm, DIN EN 50022 rail	
Stand	Commercially available	
Tablet Holder	Commercially available	

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, UKCA