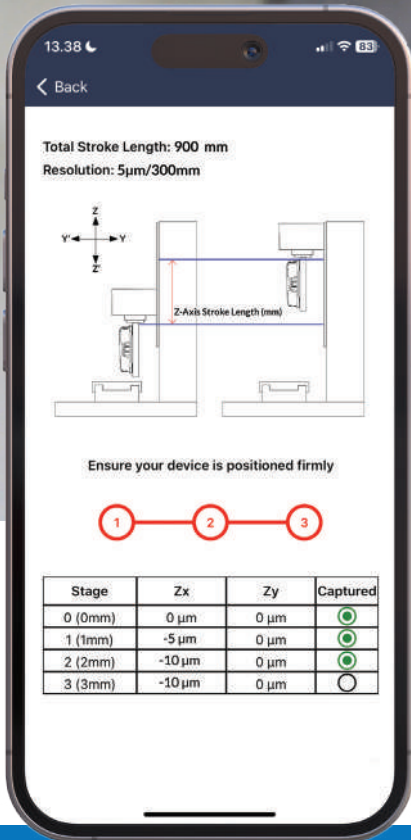


2-Axis SMART VERTICAL PRECISION LEVEL

Wireless Alignment & Setup

Vertical &
Perpendicularity
Alignment



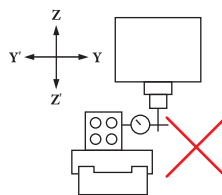
Model : DWL-1900XY
Measurement Resolution Table:

Vertical Stroke Length (mm)	Resolution
50 mm	1µm / 50mm
100 mm	2µm / 100mm
150 mm	3µm / 150mm
300 mm	5µm / 300mm
400 mm	7µm / 400mm
500 mm	9µm / 500mm
800 mm	14µm / 800mm
1000 mm	17µm / 1000mm



One Digi-Pas® 2-axis Smart Vertical Precision Level effectively
REPLACES 2 OLD-FASHIONED Frame spirit VIAL levels.

This wireless high precision level is **AFFORDABLE**, designed especially for industrial users & professionals, and allow **SIMULTANEOUS & REAL-TIME** reading of **VERTICAL X & Y** axis with smart-phones, cutting down machine installation & setup time by more than **HALF**.



REPLACING Traditional Granite Master
Square and Dial Gauge



JQA

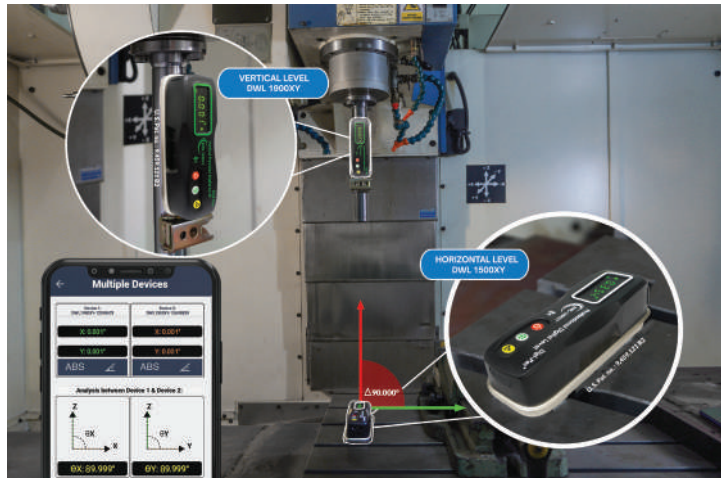
Digi-Pas®
Smart Levels



2-Axis Vertical Precision Level

Instrument Overview

- With Digi-Pas® 2-AXIS VERTICAL Precision Level, the tedious & repetitive fiddling going 'back-and-forth', aligning surface perpendicularity one axis at a time commonly experienced with traditional frame spirit vial level is now a thing of the past.
- WIRELESS Bluetooth pairs with your Smartphones or Tablets (Apple & Android), allowing users to remotely read & capture vertical angle readings while adjusting the machine. It effectively cuts down installation/setup time in a smart way.
- Digi-Pas® 2-Axis VERTICAL Precision Level (DWL-1900XY), can be used with 2-Axis Smart Machinist Level (DWL-1500XY) to instantly compare 2 surface planes & measure surface perpendicularity.



Accreditation & Certification

ACCURACY of Digi-Pas® digital level is tested and certified by accredited 3rd Party Calibration & Test Laboratories in USA, Japan and Germany traceable to **NIST, JIS & DIN**.

Mobile App Features



SMART 2D BUBBLE

This feature allows user to view 2-axis angle/levelling measurement simultaneously in graphical "Bull's eye" (with auto range feature) and numeric formats - °(Degree), mm/M & In/Ft units.



SINGLE-AXIS

This feature allows user to view single-axis angle/levelling and can be toggle between X & Y angle



MULTIPLE DEVICES

Link up to two SMART LEVELS (one HORIZONTALLY & one VERTICALLY) to perform surface comparison between 2 planes instantly.



QUICK SNAP

Enable user to measure to capture measurement values along with the product measurement photos using smartphone/tablet camera

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SPINDLE HEAD STRAIGHTNESS (Z-AXIS)

This feature allows user to ensure precision by aligning the spindle axis perfectly with the machine's intended direction of movement, minimizing errors in machining processes.



CALIBRATION

Perform easy self-calibration, allows user to reset the digital level back to factory preset accuracy

Specification

Dimension (L x W x H)	149 x 51 x 40 mm or 6 x 2 x 1.5 inch
Measuring Range (Dual Axis)	90.000° to ± 5.000°
Resolution	1µm/50mm, 3µm/150mm, 5µm/300mm & 17µm/1000mm
Accuracy	±6µm/150mm or ±35µm/1,000mm stroke length at (90.000°±0.500°) ±12µm/150mm or ±70µm/1,000mm stroke length at other angles
Repeatability	0.001° (18µm/M or 0.0002in/ft)
Measurement Speed	≤5 Sec.
Power Supply	2 x AA battery / micro USB port
Bluetooth Range	approx. 50ft. or 15mtr
Material	PC ABS / Zinc Alloy

Note: Product specification and appearance are subjected to change for improvement without prior notice.

Mobile App Features Comparison

Features	FREE	FULL
SMART 2D BUBBLE		✓
SINGLE AXIS		✓
MULTIPLE DEVICES		✓
QUICK SNAP		✓
SPINDLE HEAD STRAIGHTNESS (Z-AXIS)		✓
CALIBRATION	✓	✓

Note: Product features & function are subjected to change for improvement without prior notice.

OS Versions

- Android 8.0 & above
- iOS 12.0 & above

Note: Please check for latest version at www.digipas.com

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