

# INSTRUCTION MANUAL

## DPG-020 Micro Digital Pitch Gauge



The digital pitch gauge is designed for application in model helicopters and serves to measure the rotor blade pitch value.

The built in digital gyroscopic sensor is capable of detecting pitch angle, with result displayed through LCD screen, providing a simple and precise way of measuring pitch angle.

### FEATURES

- Large LCD for easy reading
- Measure up to 450 size helicopter
- Fast and accurate measurement
- Zero function
- Auto rotating display
- Auto power-off (Power shuts down after 5 minutes without any movement)

### SPECIFICATIONS

• Body Dimension	44x37.2x14mm	• Resolution	0.1°
• Suitable blade width	15mm~35mm	• Current consumption	4.5mA
• Detectable pitch range	±90°	• Battery	CR2032 Lithium X1
• Temperature	0~40°C	• Weight (including battery)	20g

### ILLUSTRATION



## HOW TO USE

Press "POWER" button to turn on the power. For correct pitch measurements, DPG-020 digital pitch gauge must be zeroed before being used. Press "POWER" button once to zero the gauge. Please refer to the below instruction to understand how to use DPG-020. After used, Press "POWER" button for about two seconds to turn off.



### ZERO THE GAUGE

Place the DPG-020 horizontally leveled with top of helicopter frames.

Press "POWER" to zero the gauge.



### MEASURE THE PITCH

Mount the DPG-020 on main blade to measure the pitch.

## HOW TO CHANGE BATTERIES

Low battery could contribute to reduced screen brightness and abnormal startup. Please replace battery should this occurs.

1. Open the battery compartment by removing the four screws at the back of the pitch gauge with a philips-head screw driver.
2. Remove the battery compartment cover.
3. Insert / replace one CR2032 batteries while observing the correct polarity.
4. Close the battery compartment and fasten it with the four screws.

Should the pitch gauge display abnormal behavior after accidental shock or impact, proceed to remove and re-install battery to reset the device.

## WARRANTY AND SERVICE

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes.

For any repair or replace service, please contact your dealer in the first instance, who is responsible for processing guarantee claims. This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification or as a result of failure to observe the procedures outlined in this manual.



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