Pro-3600 Quick Installation Guide

TECO Group 「Pro-3600 Portable Vibration Diagnosis Instrument 」can be applied in analysis/diagnostic of vibration problems for rotary machines. Setup is quick and easy. Technician go thru simple steps with diagnostic software (APP) running on mobile phone to understand potential vibration issues.

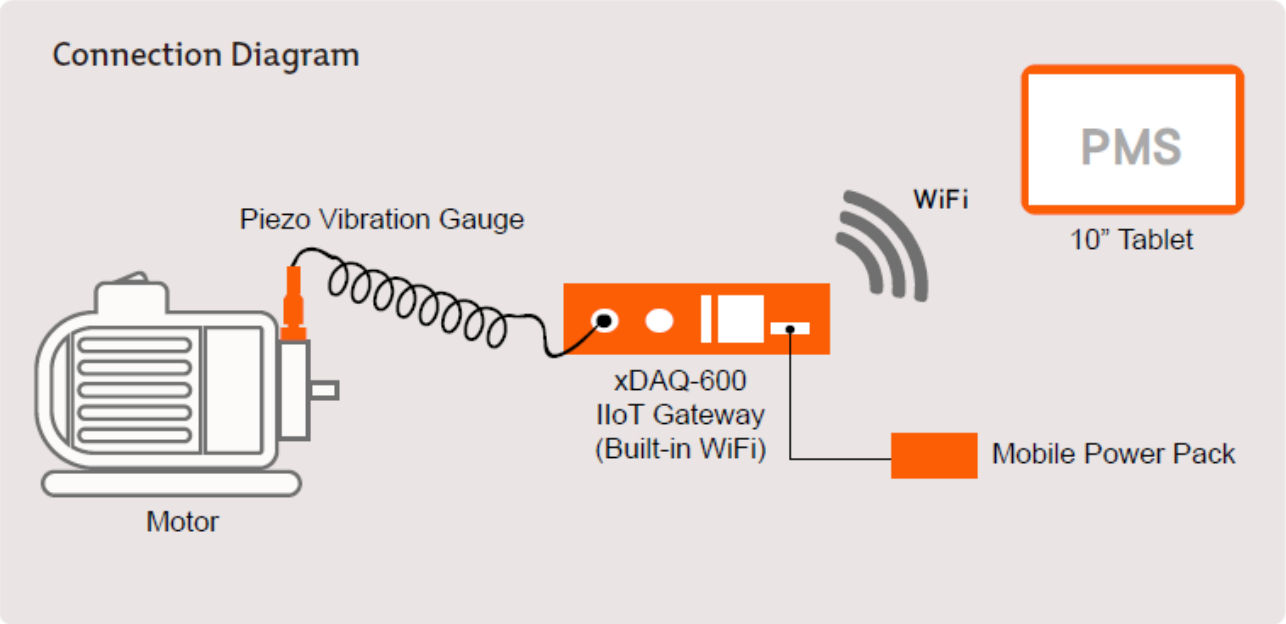
It is an essential tool for technicians working in technical support, maintenance, repair and related fields.

Key Components

Product contents

a. Tool Box :	x1
– xDAQ-600 (P)	x1
– IEPE Vibration Gauge	x1
– Double head screw	x1
– Magnet holder	x1
– Winding line	x1
– Power Bank	x1
– Vibration Pole	x1
– Power Charger	x1

b. Action package (soft case 1 pieces)	x1



Quick Settings and Connection

1. Connect the power bank to the power jack (DC) of the Smart IoT Gateway xDAQ-600(P), and then turn on the power bank.
2. Wait for the WLAN LED (green) to turn on, and now you can start the WiFi connection.
3. On Smart mobile phone, Please enter【**WiFi**】mode to find 【TECOM_**XXXXXX**】WiFi network name, then confirm "**XXXXXX**" 6-digits are exactly the same as the last 6-digits of MAC address, printed on the serial number label of the Smart IoT Gateway, press the "TECOM_XXXXXX" for network connection, the Smart phone will show **"Connected"** to indicate a successful WiFi connection between the Smart phone and the Gateway. You only need to do this procedure once. Later, your phone can automatically connect to the Gateway.

This 6-digit number must be the same as the TECOM_XXXXXX 6-digit number on the mobile WiFi network.

4. Install the magnetic vibration gauge (or w/vibration pole) to the correct position of the device under test.

After completion of steps 1 to 4, you can start the diagnostic procedure by using Pro-3600 APP on mobile phone.

17 Troubleshooting Items

Shaft Type	Bearing Type	Electrical Type	Gear Type
Unbalance	Oil whirl	Air Gap Eccentricity	Gear Eccentricity
Shaft Bent	Oil whip	Broken Rotor Bar	Gear Misalignment
Misalignment	Inner race damage	Phasing Fault	Broken Gear Tooth
Looseness	Outer race damage		Gear Tooth Wear
	Roller damage		Gear Shaft Bent