

# IPM600 FAQ's



## Introduction/Connections

### Where can I find the wiring guide for my display?

See “Rear Panel” on page 2 of the Product Manual.

### How do I change the display mode?

See “Setting Modes” on page 5 of the Product Manual.

### What are the I/O connections?

See “External I/O Connection” on page 12 of the Product Manual.

### What are FUTEK's default settings?

#### OPERATIONS MENU

1. Digital Filter OFF
2. Analog Filter 300Hz
3. Display Rate 10 Times
4. Stability (Time) 1.5 Sec
5. Stability (Cnt) 05CNT
6. Zero Track (Time) 0.0 Sec
7. Zero Track (Cnt) 0CNT
8. Contrast 1
9. Contrast 2 70
10. Backlight 10
11. Excitation Voltage 10V
12. Auto Print
13. Hold Off Print
14. Cal. Protect OFF
15. Para. Protect OFF

#### COMPARISON MENU

1. Hi-Hi Limit 0
2. Hi Limit 0
3. Lo Limit 0
4. Lo-Lo Limit 0
5. Hysteresis 0
6. Near Zero 0
7. Comparison Mode All
8. Comparison Select MODE2

#### HOLD MENU

1. Hold Function Tracking

2. Hold Detect Time 1.00 Sec
3. Auto Start Level 0
4. Minimum Count 10
5. Valley Detect Level 1.5 Times
6. Minimum Slope 10
7. Interval A 20
8. Interval B 20

## GRAPH MENU

1. Graph Function Continued
2. Interval Time 1.00 Sec
3. Graph Start Level 100
4. Level Detect Mode Passed High
5. X Start Point 10
6. Y Start Point 100
7. Y End Point -100

## Calibration

### How do I calibrate my meter?

See “**Calibration**” on page 16 of the Product Manual.

### How do I change the offset value?

See “**Digital Offset**” on page 23 of the Product Manual.

### How do I change increment of the last digit?

See “**Increment**” on page 24 of the Product Manual.

### How do I change the decimal place?

See “**Decimal Place**” on page 25 of the Product Manual.

### How do I set the calibration protection?

See “**Calibration Protection**” on page 26 of the Product Manual.

### How do I change the calibration channel?

See “**Calibration Value Selection**” on page 27 of the Product Manual.

### How do I change the units?

See “**Unit**” starting on page 29 of the Product Manual.

## Operations

### How do I change the digital filter?

See “**Digital Filter**” on page 32 of the Product Manual.

### How do I change the analog filter?

See “**Analog Filter**” on page 33 of the Product Manual.

### How do I change the display rate?

See “**Display Rate**” on page 33 of the Product Manual.

### How do I set the stability function?

See “**Stability**” on page 34 of the Product Manual.

**How do I set the zero track?**

See “Zero Track” on page 35 of the Product Manual.

**How do I adjust the contrast?**

See “Contrast Adjustment” on page 36 of the Product Manual.

**How do I adjust the backlight?**

See “Backlight” on page 36 of the Product Manual.

**How do I set the excitation voltage?**

See “Excitation Voltage” on page 36 of the Product Manual.

**How do I set the auto print function?**

See “Auto Print” on page 37 of the Product Manual.

**How do I set the hold off print function?**

See “Hold Off Print” on page 39 of the Product Manual.

**How do I set the parameter protection?**

See “Parameter Protection” on page 39 of the Product Manual.

**Comparison**

**How do I set the limits?**

See “Comparison Functions” on pages 40 & 41 of the Product Manual.

**How do I set multiple channels?**

See “About Changing of the Setting CH” on page 69 of the Product Manual.

**How do I set the hysteresis?**

See “Hysteresis” on page 42 of the Product Manual.

**How do I set the near zero function?**

See “Near Zero” on page 44 of the Product Manual.

**How do I set the limit comparison?**

See “HI-LO Limit Comparison Mode” on page 44 of the Product Manual.

**How do I set the limit output?**

See “HI-LO Limit Output Mode” on page 45 of the Product Manual.

**Hold**

**How do I set the hold functions?**

See “Hold Functions” on page 47 of the Product Manual.

**How do I set the hold detection time?**

See “Hold Detection Time” on page 48 of the Product Manual.

**How do I set the auto start level?**

See “Auto Start Level” on page 49 of the Product Manual.



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**How do I set the relative minimum and maximums?**

See “**Hold Setting—relative maximum and relative minimum**” on page 50 of the Product Manual.

**How do I set the inflection point?**

See “**Hold Setting—inflection point**” on page 52 of the Product Manual.

**Graph**

**What are the different types of graphing functions?**

See “**Graph Plotting**” on page 72 of the Product Manual.

**How do I set the graph functions?**

See “**Graph Function**” on page 75 of the Product Manual.

**How do I set the graph start level?**

See “**Graph Start Level**” on page 75 of the Product Manual.

**How do I set the x start point?**

See “**X Start Point**” on page 77 of the Product Manual.

**How do I set the y start/end point?**

See “**Y Start Point and Y End Point**” on page 78 of the Product Manual.

**System**

**What are the system functions of the display?**

See “**Self Check and Initialization**” on page 107 of the Product Manual.