

PULCOM V6

Post-Process Electric
Micrometer Control Unit

■ Features

Higher Functionality

Improved visibility

- Large 3 color 7 seg LED display. Different colors make it easy to see judgment results even from a distance.

A higher level of functionality enables utilization of a wider range of applications.

- Measurement of two items: Outer diameter + end face, outer diameter + outer diameter and various other variations are available
- P memory function: Suitable for dynamic measuring after work on surface grinders
- BCD/BIN output function: U1000A compliant data can be output by adding an I/O circuit board.

Easy Operation

LCD can display alphanumeric characters

- Interactive operation for a wide variety of settings.
- Measured and offset values can easily be checked on the LCD.

Same type of rotary switch as on U600 (previous unit), V7 and V8

- Rotary switch enables intuitive operation.
- Frequently used operations can be quickly selected.
- Unifying operation system with U600, V7 and V8 minimizes operator load when the control unit is changed.

PULCOM V6S

Post-process Electric
Micrometer Control Unit

DSP + RISC CPU Provide High Speed and Performance

The adoption of a DSP (digital signal processor) facilitates digital processing of various signals at high speeds.

- In addition to a smoothing filter, the unit has a standard 7-step LPF (low pass filter) selection function.
- Real-time processing of notch processes.

Super Ease of Maintenance

Simplified I/O Monitor

- Wiring with machine can be easily checked.

Self-Diagnostic Program

- Interactive verifications enable user to perform primary maintenance.

Upward Compatibility with U600

- The U600 can be replaced by using an optional I/O cable.

Detachable Front Panel (V6S)

- The front panel is detachable so you can position it so it is easy for the operator to use. The control board is built-in to the main unit. The panel can be located a maximum of 10 meters away from the main unit.



Specifications

Model	E-PV61□	E-PV62□	E-PV62□S
No. of detector inputs	1	2 (1 input possible)	2 (1 input possible)
No. of measuring items	1 (2 optional)		
Judgment output	Max. 7 (1 measuring item), Max 10 (2 measuring items)		
Display	3 colors 7 seg LED + LCD character display		
Main functions	Auto master set	Option	
	Tool compensation repeat counter	Option	
	Offset compensation	Immediate offset function (external offset is optional)	
	Memory	Optional (max., min., P-P, unsynchronized memory)	
	Data output	Optional (BCD/BIN output, O.C., O.E. and O.D.)	
	RS232C interface	Option	
	Analog output	Option	
2-item measurement	Option		
Power source	AC 85 - 250 V, 30 VA		
Waterproof standard	IP54		IP54 (panel only)
Detachable monitor	-		Special cable connector (standard 5m, OP maximum 13m)
Dimensions and weight	170 (W) × 240 (D) × 150 (H) mm (not including protrusions), 3 kg		Main unit: 180(W) × 250(D) × 167(H)mm (including connectors) Panel: 200(W) × 150(D) × 180(H)mm (including protrusions)

□ : Indicates output specifications for I/O-1 input/output signal (1: open collector, 2: open drain)



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