

## PEDOF

JF-1, An instrument for non invasive measurement of blood flow velocity in the aorta.

**AUTRONICA**

240475 DK.

### TECHNICAL DATA:

Mains: 220V +10/-15% 50-60 Hz.  
 Ultrasonic frequency: ca. 2 MHz.  
 Pulse repetition frequency: 9,8, 6,5 kHz or continuous.

### MAX. MEASUREABLE VELOCITY

Pulsed mode: (PW): Up to ca. 7 cm depth - 1,7 m/s (9,8 kHz).  
 Above ca. 7 cm depth - 1,1 m/s (6,5 kHz).  
 Continuous mode: (CW): 5 m/s

### PLUG ON REAR PANEL

Outputs: Mean velocity and the integral of the same.  
 Doppler signal channel 1 and 2.  
 Video signal channel 1 and 2.  
 Sample pulse.

Inputs: ECG signal, if available.

### DISPLAY

Any convenient storage oscilloscope or recorder. Special adaptors to the commonly used Siemens Mingograf are available. The ECG output from the Mingograf may be used to reset the integrator.

### TRANSDUCER

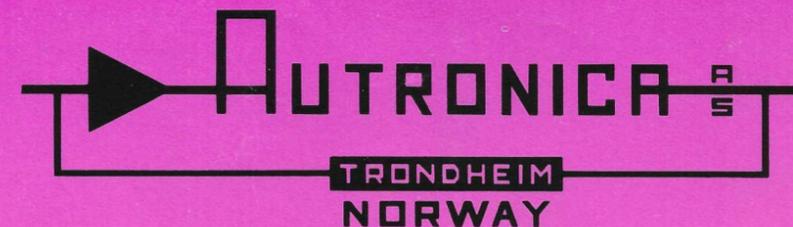
Single or double. Mountable lenses.

### VELOCITY CALCULATOR

Quadrature correlation mean velocity calculator.  
 Optional: Maximum velocity calculator.

### DIMENSIONS:

Width: 304 mm  
 Height: 146 mm  
 Depth: 250 mm



P. O. box: 3010 - Telephone: (075)-18080 - Telex: 55334

