

# ME02 Non-invasive Sphygmomanometer Calibrator



## Advantage

- Portable, only 4kg
- 7 inch large LCD
- 18 group application mode

## Description

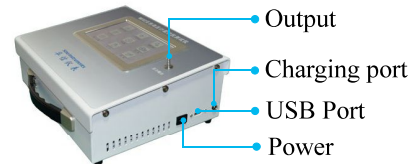
ME02 is used for simulating human body blood pressure with output signal stability and good repeatability. It provides static pressure output & measuring, automatic leaking testing, dynamic blood pressure simulating function. That is used for calibrating sphygmomanometer in metrology body, hospital, the University lab, Sphygmomanometer manufacturers and so on.



Static Pressure Output



Dynamic Blood Pressure Simulating



## Features

- Portable, easy to use in field
- With rechargeable battery
- Automatically pressurized and depressurized
- 7 inch touch-screen, external wireless mouse
- Adopt import pressure transducer and pressure components
- Reminding when the pressure value approaching
- Stability time set 0-60s selectable
- Voice is less than 40 decibel
- Build in adults/newborn cuff
- 18 group application, only set once time for permanent store
- **Dimensions:** 300L×250W×110H (mm)
- **Weight:** 4kg

## Specifications

- **Generated pressure:** (0-60)kPa / (0-450)mmHg
- **Control pressure stability:** 0.05%F.S
- **Pressure measuring:** (0-60)kPa / (0-450)mmHg
- **Accuracy:** ±0.1%F.S
- **Resolution:** 0.01kPa (0.1mmHg)
- **Adults simulating range:**  
Systolic pressure (50-255)mmHg / (6.7-34)kPa  
Diastolic pressure (30-195)mmHg / (4.0-26)kPa
- **Newborn simulating range:**  
Systolic pressure (30-120)mmHg / (4.0-16)kPa  
Diastolic pressure (10-100)mmHg / (1.3-13.3)kPa
- **Blood pressure value repeatability:**  
less than (2mmHg)
- **Heart rate range:** (30-250) times/mins
- **Heart rate accuracy:** ±1%R.D
- **Pulse value:** (0.1-2.4)ml

## Thread adapters

### HSPA01-M20(Hand-tight quick connectors)

M20×1.5 Male to various hand-tight quick connectors(10pcs,case included)

Model	Description	Max Pressure
HSPAM20M-2NPTF	Adapters M20×1.5 Male to 1/2NPT Female	15,000psi
HSPAM20M-4NPTF	Adapters M20×1.5 Male to 1/4NPT Female	15,000psi
HSPAM20M-8NPTF	Adapters M20×1.5 Male to 1/8NPT Female	15,000psi
HSPAM20M-3NPTF	Adapters M20×1.5 Male to 3/8NPT Female	15,000psi
HSPAM20M-2BSPF	Adapters M20×1.5 Male to 1/2BSP Female	15,000psi
HSPAM20M-4BSPF	Adapters M20×1.5 Male to 1/4BSP Female	15,000psi
HSPAM20M-8BSPF	Adapters M20×1.5 Male to 1/8BSP Female	15,000psi
HSPAM20M-3BSPF	Adapters M20×1.5 Male to 3/8BSP Female	15,000psi
HSPAM20M-M10F	Adapters M20×1.5 Male to M10×1.0 Female	15,000psi
HSPAM20M-M20F	Adapters M20×1.5 Male to M20×1.5 Female	15,000psi

### HSPA02-NPT(Hand-tight quick connectors)

1/4NPT male to various hand-tight quick connectors(10pcs,case included)

Model	Description	Max Pressure
HSPANPTM4-2NPTF	Adapters 1/4NPT Male to 1/2NPT Female	15,000psi
HSPANPTM4-4NPTF	Adapters 1/4NPT Male to 1/4NPT Female	15,000psi
HSPANPTM4-8NPTF	Adapters 1/4NPT Male to 1/8NPT Female	15,000psi
HSPANPTM4-3NPTF	Adapters 1/4NPT Male to 3/8NPT Female	15,000psi
HSPANPTM4-2BSPF	Adapters 1/4NPT Male to 1/2BSP Female	15,000psi
HSPANPTM4-4BSPF	Adapters 1/4NPT Male to 1/4BSP Female	15,000psi
HSPANPTM4-8BSPF	Adapters 1/4NPT Male to 1/8BSP Female	15,000psi
HSPANPTM4-3BSPF	Adapters 1/4NPT Male to 3/8BSP Female	15,000psi
HSPANPTM4-M10F	Adapters 1/4NPT Male to M10×1.0 Female	15,000psi
HSPANPTM4-M20F	Adapters 1/4NPT Male to M20×1.5 Female	15,000psi

### HSPA18(Designed for all pressure comparator)

M20×1.5 Male/Female to various connectors as follows(18pcs,case included)

Model	Description	Max Pressure
HSPAM20M-4NPTF	Adapters M20×1.5 Male to 1/4NPT Female	15,000psi
HSPAM20M-4NPTM	Adapters M20×1.5 Male to 1/4NPT Male	15,000psi
HSPAM20M-3NPTF	Adapters M20×1.5 Male to 3/8NPT Female	15,000psi
HSPAM20M-3NPTM	Adapters M20×1.5 Male to 3/8NPT Male	15,000psi
HSPAM20M-2NPTF	Adapters M20×1.5 Male to 1/2NPT Female	15,000psi
HSPAM20M-2NPTM	Adapters M20×1.5 Male to 1/2NPT Male	15,000psi
HSPAM20M-3BSPF	Adapters M20×1.5 Male to 3/8BSP Female	15,000psi
HSPAM20M-3BSPM	Adapters M20×1.5 Male to 3/8BSP Male	15,000psi
HSPAM20M-2BSPF	Adapters M20×1.5 Male to 1/2BSP Female	15,000psi
HSPAM20M-2BSPM	Adapters M20×1.5 Male to 1/2BSP Male	15,000psi
HSPAM20M-3BSPTF	Adapters M20×1.5 Male to 3/8BSPT Female	15,000psi
HSPAM20M-3BSPTM	Adapters M20×1.5 Male to 3/8BSPT Male	15,000psi
HSPAM20M-2BSPTF	Adapters M20×1.5 Male to 1/2BSPT Female	15,000psi
HSPAM20M-2BSPTM	Adapters M20×1.5 Male to 1/2BSPT Male	15,000psi
HSPAM20M-M14F	Adapters M20×1.5 Male to M14×1.5 Female	15,000psi
HSPAM20M-M20F	Adapters M20×1.5 Male to M20×1.5 Female	15,000psi
HSPAM20M-M16F	Adapters M20×1.5 Male to M16×1.5 Female	15,000psi
HSPAM20M-M20M	Adapters M20×1.5 Male to M20×1.5 Male	15,000psi