



**One-Stop Solution**

# Comprehensive Smart Ring Performance Testing Package

Provides customized fixture and sockets to achieve precise test results, verifying heart rate, ECG, PPG, PWTT, and SpO<sub>2</sub> functions with simple and user-friendly software.

## Simulator & PPG Module

- 1 **AECG100** Multifunction Simulator
- 2 **PPG Module** for Heart Rate and SpO<sub>2</sub> Optical Testing Module

### Customized Fixtures

- 3 Optical Fixture x 1
- 4 Finger Socket x 7, 3D Printed

### Training & Service

- Main System Operation Training (2 hours)
- Testing Consultation (1 hours)

**Optional Items** • C3R3 3-Year Calibration Service and Warranty Extension

Package Contents

# AECG100 Installation- Smart Ring Verification

The innovative simulator to output ECG and PPG analog signals simultaneously.  
Adjustable time difference parameters to generate various Pulse Wave Transit Time (PWTT) signals.



## Supported IEC 60601-2-47 Test Clause

- 201.12.4.4 Incorrect output
- 201.12.4.4.101 Linearity and dynamic range
- 201.12.4.4.102 Input impedance
- 201.12.4.4.104 GAIN accuracy
- 201.12.4.4.105 GAIN stability
- 201.12.4.4.107 Multichannel crosstalk
- 201.12.4.4.108 Frequency response
- 201.12.4.4.109 Function in the presence of pacemaker pulses
- 201.12.4.4.110 Timing accuracy
- 201.12.4.4.112 Temporal alignment