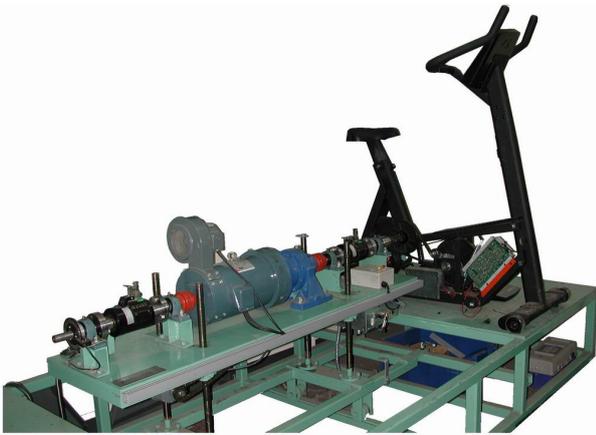




# EN-957ABT Torsion Tester for Exercise Bike in Research Purpose

2-4

Sport and Exercise



### Specification:

- Rotation Speed: 5 ~ 180 rpm.
- Max. Allowable Torsion: 12 kg-m.
- With 5 HP Servo Control Driver System.
- Test System Meets the Test Standard of EN-957.
- Measuring Accuracy of the Rotational System: 0.2% F. S.
- Measuring Accuracy of the Torsion System: 0.2% F. S.
- Power Calculation Error: 0.4% F. S.
- High Capable Programmable Automatic Test Software.

### Specification for the T-Slot Loading Platform:

- Loading Platform: 1,100 X 2,300 mm
- Adjustable Height from the platform surface to the driver shaft center: 150 ~ 470 mm.
- One set of fixture for the exercise bike and the crank shaft device.

### The Functions of the Control, Measurement and the Computer System:

- Switch for either clockwise or counterclockwise rotation.
- Switch for either manual or automatic test.
- Programmable computer test software to execute the automatic function, simulation and endurance test procedures.
- Resolution of the programmable rotational speed: 16 bits.
- Measuring data can be taken down by manual, at some set time or at the same interval by the computer software.
- Measuring data can be expressed with the graphs which can then be viewed on line or copied, exported and printed out.
- Measured data can be exported and printed out on line.
- Standard measuring data: Rotation speed; Torsion; Power and Average Power.
- Effective resolution of the measuring unit: 18 bits.
- LCD Display: 21.5".
- Color inkjet printer.
- Optional purchasable auxiliary test module for temperature, voltage or current data.

