

## Product Comparison Matrix



| Features                                     | E 50             | E 100                 | E 150                 | E 200                 | E 400 HK         | E 600                   | Excalibur Sport             |
|--|------------------|-----------------------|-----------------------|-----------------------|------------------|-------------------------|-----------------------------|
| Type of Ergometer                            | Legs             | Legs                  | Legs (paediatric)     | Legs                  | Arm              | Legs (recumbent)        | Legs                        |
| Main application                             | CPET             | CPET                  | Pediatric             | CPET, Rehabilitation  | Rehabilitation   | Rehabilitation, Obesity | Anaerobic Testing (Wingate) |
| Integration with COSMED CPET Systems         | •                | •                     | •                     | •                     | •                | •                       | •                           |
| Integrated HR Receiver                       |                  | •<br>(only K version) | •<br>(only K version) | •<br>(only K version) | •                | •<br>(only K version)   | •                           |
| Integrated Pulse Oximetry                    |                  | ○                     | ○                     | ○                     |                  | ○                       | ○                           |
| Automatic Blood Pressure Measurement         |                  | ○                     | ○                     | ○                     |                  | ○                       | ○                           |
| ECG amplifier (ERS Rehabilitation System)    |                  |                       |                       |                       | ○                | ○                       |                             |
| ERS Rehabilitation System communication port |                  |                       |                       |                       | •                | •                       |                             |
| Manual load adjustment                       | •                | •                     | •                     | •                     | •                | •                       | •                           |
| Constant power mode                          |                  |                       |                       |                       |                  |                         | •                           |
| 0-Watt-Start-Up system                       |                  |                       |                       |                       |                  |                         | ○                           |
| Pedal Force Measurement                      |                  |                       |                       |                       |                  |                         | ○                           |
| Dynamic Calibration                          |                  |                       |                       |                       |                  |                         | •                           |
| Braking system                               | Electro-magnetic | Electro-magnetic      | Electro-magnetic      | Electro-magnetic      | Electro-magnetic | Electro-magnetic        | Electro-magnetic            |
| Footboard                                    |                  |                       |                       | •                     |                  |                         |                             |
| Adjustable handlebar height                  |                  |                       |                       | •                     |                  |                         | •                           |
| Adjustable saddle                            | Manual           | Manual                | Manual                | Motorized             |                  | Manual (horizontal)     | Manual                      |
| Racing saddle                                |                  | ○                     |                       | ○                     |                  |                         |                             |
| Paediatric settings                          |                  | ○                     | •                     | ○                     |                  |                         | ○                           |
| Wheelchair Holding Device                    |                  |                       |                       |                       | ○                |                         |                             |
| Pre-set Training Protocols                   | 5                | 5                     | 5                     | 5                     | 5                | 5                       |                             |
| Available User Protocols                     | 10               | 10                    | 10                    | 10                    | 10               | 10                      | 50 protocols (option)       |
| PC Software                                  |                  |                       |                       |                       |                  |                         | ○                           |

| Hardware                    | E 50               | E 100  | E 150  | E 200  | E 400 HK           | E 600  | Excalibur Sport                                  |
|-----------------------------|--------------------|--|--|--|--------------------|--|--|
| Dimensions (cm)             | 90x46x133          | 94x46x133  | 90x46x133  | 90x46x133  | 130x87x135         | 165x75x108   | 130x70x89  |
| Weight (kg)                 | 58                 | 64   | 61   | 66   | 73                 | 86   | 100  |
| Maximum patient weight (kg) | 160                | 160  | 60 (pediatric)<br>160 (adult)                        | 160  | 120                | 260  | 180  |
| Load Range (Watt)           | 6-400              | 6-999  | 6-999  | 6-999  | 6-999              | 6-999  | 8-2500   |
| Speed Range (RPM)           | 30-130             | 30-130   | 30-130   | 30-130   | 30-130             | 30-130   | 25-180   |
| Load Steps (Watt)           | 1                  | 1  | 1  | 1  | 1                  | 1  | 1  |
| Accuracy                    | 3% ± 3 W           | 3% ± 3 W   | 3% ± 3 W   | 3% ± 3 W   | 3% ± 3 W           | 3% ± 3 W   | <100 W ± 2 W<br>100-1500 W ≤ 2%<br>> 1500 W ≤ 5% |
| Display LCD                 | 128x64             | 128x64 (P Version)<br>Graphic 320x240<br>(K Version) | 128x64 (P Version)<br>Graphic 320x240<br>(K Version) | 128x64 (P Version)<br>Graphic 320x240<br>(K Version) | Graphic 320x240    | 128x64 (P Version)<br>Graphic 320x240<br>(K Version) | B/N<br>2x16 characters                           |
| Interface                   | RS-232, analog     | RS-232, analog                                       | RS-232, analog                                       | RS-232, analog                                       | RS-232, analog     | RS-232 analog  | RS-232, analog                                   |
| Power Supply                | 100-240V, 50/60 Hz | 100-240V, 50/60 Hz                                   | 100-240V, 50/60 Hz                                   | 100-240V, 50/60 Hz                                   | 100-240V, 50/60 Hz | 90-265V, 50/60 Hz                                    | 115-230VAC, 50/60 Hz                             |

• Standard ○ Option