# Comparison table Overhead Stirrers

| | |  ES |  OHS 20 Digital |  LS |  DLS |  OHS 40 Digital |  OHS 60 Digital |  OHS 60 Advance |  LH |  DLH |  OHS 100 Digital |  OHS 100 Advance |  PW |  OHS 200 Digital |  OHS 200 Advance |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stirring speed | | From 50 to 1300 rpm | From 30 to 2000 rpm | From 50 to 2000 rpm | From 50 to 2000 rpm | From 30 to 2000 rpm | From 30 to 2000 rpm | From 30 to 2000 rpm | From 50 to 2000 rpm | From 50 to 2000 rpm | From 30 to 1300 rpm | From 30 to 1300 rpm | From 20 to 1200 rpm | • From 6 to 400 rpm<br>• From 30 to 2000 rpm | • From 6 to 400 rpm<br>• From 30 to 2000 rpm |
| Stirring volume | | Up to 15 L | Up to 25 L | Up to 25 L | Up to 25 L | Up to 25 L | Up to 40 L | Up to 40 L | Up to 40 L | Up to 40 L | Up to 100 L | Up to 100 L | Up to 70 L | Up to 100 L | Up to 100 L |
| Operating mode | | Continuous | Continuous / Timer | Continuous | Continuous / Timer | Continuous / Timer | Continuous / Timer | Continuous / Timer | Continuous | Continuous / Timer | Continuous / Timer | Continuous / Timer | Continuous / Timer | Continuous / Timer | Continuous / Timer |
| Brushless Motor | | - | Yes | - | - | Yes | Yes | Yes | - | - | Yes | Yes | - | Yes | Yes |
| Display | | Analog | Digital - LED | Analog | Digital | Digital - LED | Digital - LED | Digital - 3,5" TFT Grafic | Analog | Digital | Digital - LED | Digital - 3,5" TFT Grafic | Analog | Digital - LED | Digital - 3,5" TFT Grafic |
| Maximum viscosity | | 1,000 | 10,000 | 25,000 | 25,000 | 25,000 | 50,000 | 50,000 | 50,000 | 50,000 | 70,000 | 70,000 | 100,000 | 100,000 | 100,000 |
| Maximum torque | | 15 | 20 | 40 | 40 | 40 | 60 | 60 | 80 | 80 | 100 | 100 | 120 | 200 | 200 |
| Chuck capacity | | From 1 to 10 mm | From 1 to 13 mm | From 1 to 10 mm | From 1 to 10 mm | From 1 to 13 mm | From 1 to 13 mm | From 1 to 13 mm | From 1 to 10 mm | From 1 to 10 mm | From 1 to 13 mm | From 1 to 13 mm | From 1 to 10 mm | From 1 to 13 mm | From 1 to 13 mm |
| Safety vibration sensor | | - | - | - | - | - | - | Yes | - | - | - | Yes | - | - | Yes |
| Timer | | - | - | - | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes | - | Yes | Yes |
| Method Setting | | - | - | - | - | - | - | Yes | - | - | - | Yes | - | - | Yes |
| External temperature control | | - | - | - | - | - | - | Yes | - | - | - | Yes | - | - | Yes |
| Interfaces | | - | USB | - | - | USB | USB | USB / WiFi | - | - | USB | USB / WiFi | - | USB | USB / WiFi |
| Connectivity | | - | - | - | - | - | - | Ermes Cloud CotrollerSoft™ | - | - | - | Ermes Cloud CotrollerSoft™ | - | - | Ermes Cloud CotrollerSoft™ |
| Counter reaction (SpeedServo) | | - | Yes | - | - | Yes | Yes | Yes | - | - | Yes | Yes | - | Yes | Yes |
| SmartChuck Technology | | - | Yes | - | - | Yes | Yes | Yes | - | - | Yes | Yes | - | Yes | Yes |
| Safety Lock | | - | Yes | - | - | Yes | Yes | Yes | - | - | Yes | Yes | - | Yes | Yes |
| Protection Class DIN EN 60529 | | - | IP54 | - | - | IP54 | IP54 | IP54 | - | - | IP54 | IP54 | - | IP54 | IP54 |
| Power supply | | 110-230 V / 50-60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz | 110-230 V / 50-60 Hz | 110-230 V / 50-60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz | 110-230 V / 50-60 Hz | 110-230 V / 50-60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz | 110-230 V / 50-60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz | • 230 V / 50-60 Hz<br>• 115 V / 60 Hz |
| Power input | | 30 W | 65 W | 120 W | 120 W | 120 W | 165 W | 165 W | 190 W | 190 W | 175 W | 150 W | 190 W | 175 W | 150 W |
| Weight | kg | 1.3 | 4,1 | 2.3 | 2.5 | 4,1 | 4,1 | 4,6 | 2.9 | 3.0 | 4,1 | 4,6 | 2.9 | 4,1 | 4,6 |
| | lb | (2.9) | (9.0) | (5.1) | (5.5) | (9.0) | (9.0) | (10.1) | (6.4) | (6.6) | (9.0) | (10.1) | (6.4) | (9.0) | (10.1) |
| Dimensions (WxHxD) | mm | 80x160x200 | 90x285x235 | 80x215x196 | 80x215x196 | 90x285x235 | 90x285x235 | 90x315x235 | 80x230x196 | 80x230x196 | 90x285x235 | 90x315x235 | 80x230x196 | 90x285x235 | 90x315x235 |
| | in | (3.1x6.3x7.9) | (3.5x11,2x9,3) | (3.1x8.5x7.7) | (3.1x8.5x7.7) | (3.5x11,2x9,3) | (3.5x11,2x9,3) | (3.5x12,4x9,3) | (3.1x9.0x7.7) | (3.1x9.0x7.7) | (3.5x11,2x9,3) | (3.5x12,4x9,3) | (3.1x9.0x7.7) | (3.5x11,2x9,3) | (3.5x12,4x9,3) |