

## Cole-Parmer® SS Series Orbital Shakers

Cole-Parmer®

These orbital shaker provides a smooth, uniform circular motion with a 16mm orbit. Speed and time may be varied from 30 to 300RPM, and 1 to 999 minutes – easily set and read on the digital display. The shaking action is ideal for samples of 0.5 to 5mL.

- Maintain consistent shaking speeds, even over long periods of time
- Smooth orbital shaking action with 16mm orbit – ideal for larger samples and multiwell plates
- Built-in digital timer and variable speed control to 300RPM
- Use in incubators, and environmental or cold chambers up to 40°C and 80% humidity
- Compact model (SHA3032) comes with a non slip mat; the large model (SHA3020) includes a cradle system for flasks and bottles



| Code    | Alt Ref  | Model | Platform Dims, mm | Dims, w x d x h, mm | Max Load, kg | Weight, kg | Price    |
|---------|----------|-------|-------------------|---------------------|--------------|------------|----------|
| SHA3032 | 51900-20 | SSM1  | 220 x 220         | 240 x 300 x 140     | 3            | 5          | £891.00  |
| SHA3020 | 51900-22 | SSL1  | 335 x 335         | 360 x 420 x 270     | 10           | 11         | £1433.00 |

### Accessories

| Code    | Alt Ref  | Description         | For use with | Price   |
|---------|----------|---------------------|--------------|---------|
| SHA3034 | 51700-97 | Cradle system       | SHA3032      | £184.00 |
| SHA3036 | 51700-98 | Extended platform   | SHA3032      | £111.00 |
| SHA3038 | 51700-99 | Clear acrylic lid   | SHA3032      | £171.00 |
| SHA3044 | 51700-96 | Rubber platform mat | SHA3020      | £111.00 |

## Eppendorf MixMate®

eppendorf

The high speed mixer for fast and efficient mixing of small volumes in all common vessel formats up to 50mL. This high speed instrument provides complete mixing of your samples in seconds. Outstanding 2D Mix-Control enables optimised mixing with anti spill technology.

- Anti spill technology for controlled mixing movements without lid wetting and cross-contamination
- 5 different tube holders available for high vessel flexibility (sold separately)
- Integrated ergonomic vortex function for various vessel formats for distinct sample mixing
- Minimal hand/arm vibration transfer during vortexing (certificate available) for ergonomic operation (PhysioCare Concept®)
- 5 soft keys with predefined standard mixing parameters for easy usage
- Very stable - remains stationary even at maximum mixing speed
- Whisper quiet operation at <50dB(A)
- Mixing frequency from 300 to 3000RPM (3500RPM vortexing)
- 15s to 99.3h or continuous timer



| Code        | Speed Range, RPM | Orbit, mm | Dims, w x d x h, mm | Price    |
|-------------|------------------|-----------|---------------------|----------|
| E5353000537 | 300 - 3000       | 3         | 170 x 230 x 130     | £1616.00 |

### Tube Holders

| Code        | Capacity   | Price  |
|-------------|--|--------|
| E5353040113 | 96 x 0.2mL PCR tubes, PCR strips or 1 x 96 well PCR plate (semi-skirted/unskirted) | £88.00 |
| E5353040121 | 24 x 0.5mL tubes   | £88.00 |
| E5353040130 | 24 x 1.5/2.0mL tubes   | £88.00 |
| E5353040148 | 8 x 5/15mL tubes   | £88.00 |
| E5353040156 | 4 x 25/50mL tubes  | £88.00 |