

**Cole-Parmer® Digital Slow-Speed
Orbital Shakers**

Don't pay more for the features you want

– Brushless motor ensures quiet, trouble-free operation

Improve repeatability of test procedures with microprocessor-based control. Digital display tracks preset timed run, continuous run, and rpm settings. Features skid-free rubber platform mat provides a nonslip surface. Continually adjustable speed lets you obtain gentle agitation or vigorous orbital motion. Slow start and stop motion decreases risk of spills.

What's included: 6-ft (1.8-m) cord with US standard plug.

| Orbit size | Power | | Catalog number | Price |
|---|------------|----|-----------------------------|-------|
| | VAC | Hz | | |
| Shakers with 12"W x 12"D platform (30.5 x 30.5 cm) | | | | |
| ¾" (19 mm) dia | 110 to 240 | 50 | GH-51820-30 | |
| Shakers with 16"W x 16"D platform (40.6 x 40.6 cm) | | | | |
| ¾" (19 mm) dia | 110 to 240 | 50 | GH-51820-40 | |
| Shakers with 20"W x 20"D platform (50.8 x 50.8 cm) | | | | |
| ¾" (19 mm) dia | 110 to 240 | 50 | GH-51820-50 | |


Specifications

Speed range: 50 to 250 rpm **Timer range:** 0 to 99 hours
Maximum load: 5.5 lb (2.5 kg)

**Thermo Scientific™ MaxQ™ 2000 &
3000 Open Air Platform Shakers**

Configure to your exact needs

– Will not vibrate even under full or unbalanced loads

Analog Shakers feature a DC motor and variable-speed control from 40 to 400 rpm, controlled by rotary dial. Integrated tachometer monitors and displays speed in rpm to guarantee an accurate setting. Operate shaker in continuous mode or set timer from 1 to 60 minutes.

Digital Shakers feature variable speed control from 15 to 500 rpm and continuous and timed runs from 0.1 to 999 hours. Eliminate splashing of vessel contents with soft-start feature. Displayed time counts up during continuous operation and counts down during timed runs. Shaker shuts down and audible/visual alarms signal if unit operates $\pm 10\%$ of set point speed. RS-232 interface allows remote monitoring of speed and time. Order platforms and clamps separately.

What's included: 120 VAC models have an 8-ft cord with US standard plug; 240 VAC models have an 8-ft (2.4-m) cord with European plug.

**Specifications****Speed range**

Analog shakers: 40 to 400 rpm
 Digital shakers: 15 to 500 rpm with
 ± 1 rpm accuracy

Maximum load

Small shakers: 35 lb (15.9 kg)
 Large shakers: 50 lb (22.7 kg)

| Orbit size | Power | | Catalog number | Price |
|-------------------------------|-------|-------|-----------------------------|-------|
| | VAC | Hz | | |
| Analog shakers, small | | | | |
| ¾" (19 mm) dia | 120 | 50/60 | GH-51706-00 | |
| | 240 | 50/60 | GH-51706-05 | |
| Analog shakers, large | | | | |
| 1" (25 mm) dia | 120 | 50/60 | GH-51706-10 | |
| | 240 | 50/60 | GH-51706-15 | |
| Digital shakers, small | | | | |
| ¾" (19 mm) dia | 120 | 50/60 | GH-51706-20 | |
| | 240 | 50/60 | GH-51706-25 | |



Shaker 51706-20
with platform
51706-50 and
flask clamps
51706-84

Universal Platforms

| Size | Catalog number | Price |
|----------------------------|-----------------------------|-------|
| For small shakers | | |
| 11" x 13" (27.9 x 33.0 cm) | GH-51706-50 | |
| 18" x 18" (45.7 x 45.7 cm) | GH-51706-52 | |
| 18" x 24" (45.7 x 61.0 cm) | GH-51706-54 | |
| For large shakers | | |
| 36" x 24" (91.4 x 61.0 cm) | GH-51706-62 | |

Clamps for Universal Platforms

| Flask size | Maximum number of clamps per platform size | | | | | | Catalog number | Price |
|--|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|----------------|-------|
| | 11" x 13" (27.9 x 33.0 cm) | 18" x 18" (45.7 x 45.7 cm) | 18" x 24" (45.7 x 61.0 cm) | 30" x 18" (76.2 x 45.7 cm) | 36" x 24" (91.4 x 61.0 cm) | | | |
| For microplate/deep-well plates | | | | | | | | |
| — | 5 | 10 | 15 | 18 | 29 | GH-51706-70 | | |
| For Erlenmeyer flasks | | | | | | | | |
| 10 mL | 60 | 113 | 157 | 112 | 160 | GH-51706-72 | | |
| 25 mL | 60 | 64 | 80 | 112 | 160 | GH-51706-74 | | |
| 50 mL | 30 | 32 | 40 | 112 | 160 | GH-51706-76 | | |
| 125 mL | 13 | 32 | 40 | 44 | 80 | GH-51706-78 | | |
| 250 mL | 9 | 16 | 23 | 24 | 40 | GH-51706-80 | | |
| 500 mL | 6 | 16 | 20 | 18 | 40 | GH-51706-84 | | |
| 1 L | 4 | 9 | 10 | 12 | 21 | GH-51706-86 | | |
| 2 L | 1 | 6 | 5 | 6 | 11 | GH-51706-88 | | |