



## Shakers, tabletop orbital, Thermo Scientific MaxQ™ HP



Ideal for cell culture, solubility studies, extraction procedures, diagnostic tests, general mixing, bacterial suspensions, staining, destaining, washing procedures and hybridisations.

- Warranty: two years or 12,000 hours of use warranty, whichever comes later, on the entire unit, including parts and labour. Shaker mechanism, parts only, has a unit production lifetime warranty
- Tabletop shaker is designed to operate in reach in incubators, environmental rooms, or on laboratory benches
- Proprietary balancing technology and rugged mechanism for smooth high capacity 24/7 shaking
- The biggest platform available on the market, this shaker features wide range speed, low heat output motor, and spill resistant design
- Triple counter balanced mechanism provides optimum handling of full or unbalanced loads, regardless of flask placement, and completely eliminates walking
- Microprocessor controller displays run and set points simultaneously on a 20 character backlit display
- Easy programming with icon based keys and alphanumeric messages
- Oversized adjustable, suction cup style, rubber feet minimise vibration, provide maximum stability, even with heavy or unbalanced loads
- Heavy duty, triple counter balanced eccentric drive allows extended speed ranges
- Low heat 24V d.c. motor with moisture resistant electronics provides continuous maintenance free shaker operation on the bench top or in a chamber
- Heavy duty, permanently lubricated bearings ensure long life, minimising the risk of downtime
- Optional platforms are constructed of 8mm heavy duty, brushed anodised aluminium for durability and easy cleaning

MaxQ™ HP tabletop orbital shakers combine high durability and capacity with ease of use. The proprietary triple counterbalanced heavy duty mechanism prevents vibration, allowing the unit to run smoothly with heavy, out of balance loads. Every other part, from the large rubber block vibration isolator feet, to the thick machined aluminium platform, is designed to last through years of nonstop use.

Please note: Platforms and clamps must be ordered separately.  
Certifications: UL, cUL, and CE.

### Technical Specification - General

Control	Microprocessor
Speed range, rpm	25 to 525, $\pm 1$
Orbit diameter, mm	25
Timer range, min	Continuous or timed from 1min up to 199hr, 59min
Humidity	80% RH at or below 31°C, decreasing linearly to 50% RH at 40°C
Operating temperature, °C	4 to 40
Shipping weight, kg	106

### Technical Specification - Specific

	12642785	12662785
Description	Small open air platform shaker	Large open air platform shaker
Platform dimensions, mm	457 x 457 or 610 x 457	749 x 457 or 914 x 61
Dimensions (l x w x h), mm	660 x 617 x 198	660 x 775 x 198
Electrical supply	115V, 50/60 Hz, 1.0A or 230V, 50/60Hz, 0.5A	115V, 50/60 Hz, 6.5A or 230V, 50/60 Hz, 3.2A

Catalogue No	Legacy No	Alt. No	Description
12642785	-	SHKE416HP	Small open air platform shaker
12662785	-	SHKE430HP	Large open air platform shaker

### Accessories

Catalogue No	Legacy No	Alt. No	Description
10545433	-	238000	Universal platform, 457.2mm x 457.2mm, without clamps
10024102	-	238008	Universal platform, 610mm x 457mm, for MaxQ™ HP 416
10739463	-	238001	Universal platform, 749mm x 457mm
10115432	-	238002	Universal platform, 914mm x 610mm, for MaxQ™ HP 430
10749463	-	238011	Erlenmeyer platform, 457.2mm x 457.2mm, 49 x 50mL
10125432	-	238011	Erlenmeyer platform, 457mm x 457mm, 50mL, for MaxQ™ HP 416 and 420
10044122	-	238012	Erlenmeyer platform, 457.2mm x 457.2mm, 125mL
10552553	-	238013	Erlenmeyer platform, 457.2mm x 457.2mm, 18 x 250mL/300mL
10268052	-	238014	Erlenmeyer platform, 457.2mm x 457.2mm, 16 x 500mL
10484992	-	238015	Erlenmeyer platform, 457.2mm x 457.2mm, 8 x 1L
10749653	-	238049	Hi-cap Erlenmeyer platform, 457.2mm x 457.2mm, 36 x 125mL
10054122	-	238017	Erlenmeyer platform, 749mm x 457mm, 25mL
10135432	-	238018	Erlenmeyer platform, 749mm x 457mm, 25 x 50mL
12652795	-	238019	Erlenmeyer platform, 749mm x 457mm, 125mL
10398962	-	238020	Hi-cap Erlenmeyer platform, 749mm x 457mm, 250mL/300mL
10278052	-	238021	Erlenmeyer platform, 749mm x 457mm, 500mL