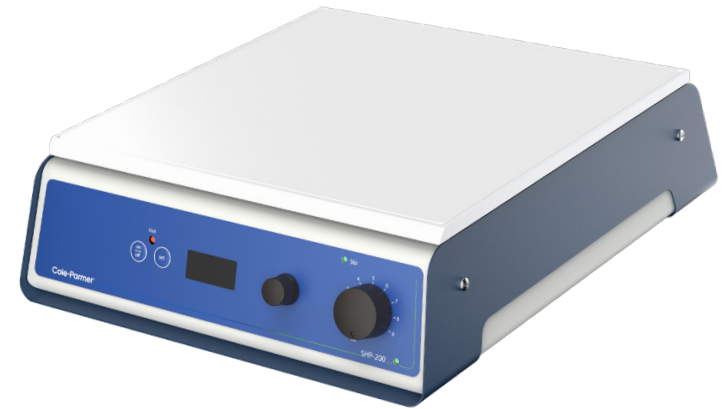
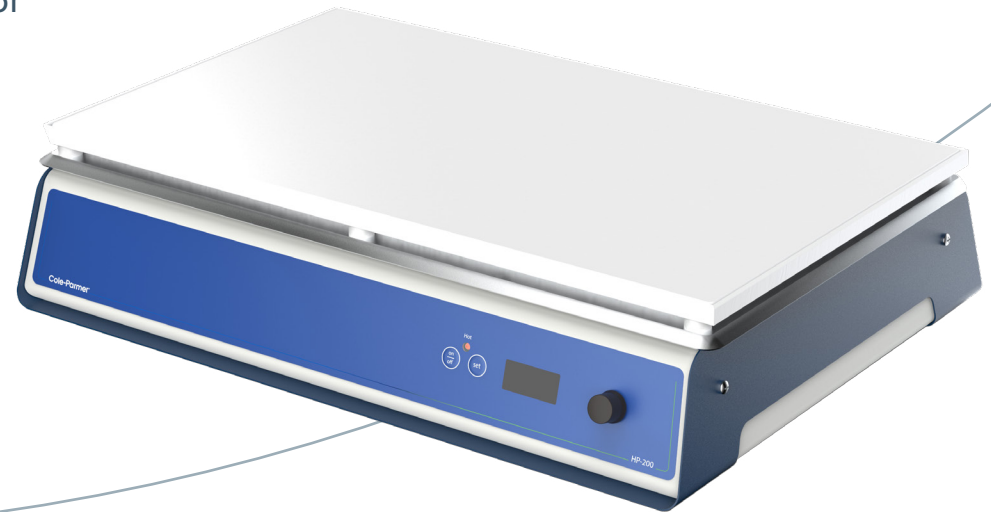


Cole-Parmer® Large Capacity Hot Plates and Stirrers

- 30 x 30cm (12" x 12"), and 30 x 50cm (12" x 20")
- Digital and Infrared
- Choice of plate material
- All units incorporate the latest technology, microprocessor controlled, dual thermocouples to ensure accurate temperature control and over temperature protection
- Biocote® anti-microbial protection
- LED temperature indicator
- Hot warning light, remains active even when unplugged
- Now includes a 120V variant across the range



Hotplate Stirrer SHP-200D-L-C

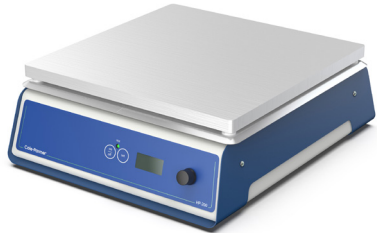


Hotplate Stirrer HP-200D-XL-C

Cole-Parmer® Large Capacity Hot Plates HP-200 Series - Digital

Features:

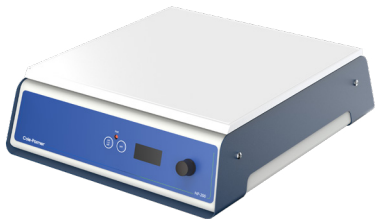
- Digital setting and control of plate temperature
- Accurate temperature control by microprocessor
- Choice of top plate material
 - glass ceramic – provides excellent chemical resistance, high plate temperatures, easy to clean
 - aluminum/silicon alloy – rapid heating and even temperature distribution across whole plate
- Large square plate area ideal for heating one large vessel or several smaller ones
 - 30 x 50cm can accommodate up to 30 x 100mL beakers
- Hot warning light, remains active even when unplugged while above 50°C
- 30 x 30cm (12" x 12")
 - 04807-66-67 – ceramic, max temp 450°C
 - 04804-80-81 – aluminum, max temp 300°C
- 30 x 50cm (12" x 20")
 - 04807-70 - ceramic, max temp 375°C
 - 04807-82-83 - aluminum, max temp 300°C



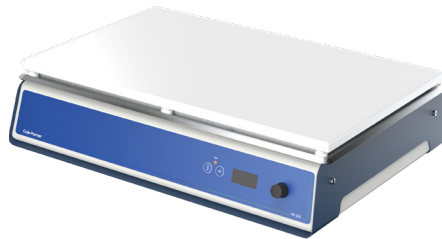
HP-200D-L-S
230V: 04807-80
120V: 04807-81



HP-200D-XL-S
230V: 04807-82
120V: 04807-83



HP-200D-L-C
230V: 04807-66
120V: 04807-67



HP-200D-XL-C
230V: 04807-70



HP-200-IR-L
230V: 04807-84
120V: 04807-85

Cole-Parmer® Large Capacity Hot Plates HP-200 Series - Infrared

Features:

- Easy to use temperature control dial
- Infrared heater is efficient and saves time and energy
 - even plate temperatures and uniform heating conditions
- Ideal for heating large volumes of liquid
- Chemically resistant ceramic top
 - Max temp 450C
- Hot warning light, remains active even when unplugged while above 50°C
- 30 x 30cm (12" x 12")



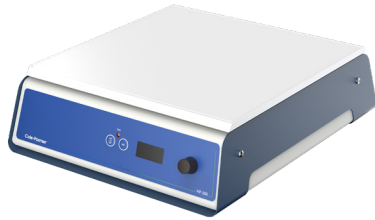
ST-200-L-S
230V: 04807-74
120V: 04807-75

Cole-Parmer® Large Capacity Stirrers ST-200 Series

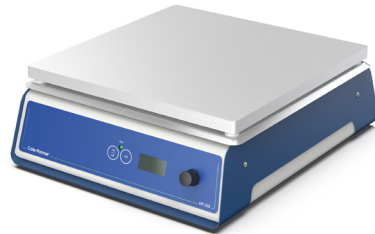
Features:

- Easy to use temperature control dial
- Powerful magnetic drive with electronic feed-back speed control accurately maintains the set speed
- Powerful magnets for strong magnetic coupling
- Speed range - 100-600 rpm
- Easily stirs up to 30 liters
- Robust, durable construction with stainless steel top
- 30 x 30cm (12" x 12")

Cole-Parmer® Large Capacity Stirrer/ Hot Plates SHP-200 - Digital



SHP-200D-L-C
230V: 04807-76
120V: 04807-77



SHP-200D-L-S
230V: 04807-78
120V: 04807-79

Features:

- Easy to use temperature and stirring control dials
- Choice of top plate material
 - glass ceramic – provides excellent chemical resistance, high plate temperatures, easy to clean
 - aluminum/silicon alloy – rapid heating and even temperature distribution across whole plate
- Large square plate area ideal for handling large vessel
- Powerful stirring action – volumes up to 15 Liters
- Independent safety circuit to protect against overheating
- Hot warning light, remains active even when unplugged while above 50°C
- 30 x 30cm (12" x 12")
 - 04807-76-77 – ceramic, max temp 450°C, stirring 100 – 1500 rpm
 - 04807-78-79 – aluminum, max temp 300°C, stirring 100 – 1500 rpm



SHP-200-IR-L
230V: 04807-86
120V: 04807-87

Cole-Parmer® Large Capacity Stirrer/ Hot Plates SHP-200 Series - Infrared

Features:

- Easy to use temperature control dial
- Powerful magnetic drive with electronic feed-back speed control accurately maintains the set speed
- Powerful magnets for strong magnetic coupling - stirring 100 - 1500 rpm
- Easily stirs up to 30 liters
- Chemically resistant ceramic top - max temp 450°C
- 30 x 30cm (12" x 12")

Technical Specification

| Specification | HP-200D-L-C | HP-200D-L-S | HP-200D-XL-C | HP-200D-XL-S | ST-200-L-S | SHP-200D-L-C | SHP-200D-L-S | HP-200-IR-L | SHP-200-IR-L |
|-------------------------------|----------------------------|----------------------------|-----------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Plate material | Glass ceramic | Al/Si alloy | Glass ceramic | Al/Si alloy | Stainless steel | Glass ceramic | Al / Si alloy | - | - |
| Plate dimensions, mm | 300 x 300 | 300 x 300 | 300 x 500 | 300 x 500 | 300 x 300 | 300 x 300 | 300 x 300 | 300 x 300 | 300 x 300 |
| Heated area, mm | 200 x 200 | 300 x 300 | 250 x 450 | 300 x 500 | - | 200 x 200 | 300 x 300 | 140 diameter | 140 diameter |
| Heater power, W | 1200 | 600 | 2250 | 1500 | - | 1200 | 600 | 900 | 900 |
| Max. plate temp. °C | 450 | 300 | 375 | 300 | - | 450 | 300 | - | - |
| Speed range, rpm | - | - | - | - | 100 x 600 | 100 to 1500 | 100 to 1500 | - | 100 to 1500 |
| Max.stirring capacity, litres | - | - | - | - | 30 | 15 | 15 | - | - |
| Dimensions, mm (w x d x h) | 320 x 370 x 120 | 320 x 370 x 120 | 560 x 360 x 130 | 520 x 360 x 130 | 328 x 369 x 103 | 300 x 365 x 105 | 300 x 365 x 105 | 300 x 365 x 105 | 300 x 365 x 105 |
| Net weight, kg | 6 | 6 | 12 | 12 | 5 | 7 | 7 | 4 | 4 |
| Electricity supply | 120V, 60Hz 230V 50/60Hz | 120V, 60Hz 230V 50/60Hz | 230V, 50Hz | 120V, 60Hz 230V 50/60Hz | 120V, 60Hz 230V 50/60Hz | 120V, 60Hz 230V 50/60Hz | 120V, 60Hz 230V 50/60Hz | 120V, 60Hz 230V 50/60Hz | 120V, 60Hz 230V 50/60Hz |
| IP Rating | 31 | 31 | - | - | - | - | - | - | - |

Ordering Information

| Description | Ordering Number | Series No. | Model No. | Legacy Sku. |
|--|-----------------|------------|------------------|---------------|
| Ceramic, Digital, 30x30cm Hotplate, 230V | 04807-66 | HP-200 | HP-200D-L-C | CB300 |
| Ceramic, Digital, 30x30cm Hotplate, 120V | 04807-67 | HP-200 | HP-200D-L-C-120 | CB300/120V/60 |
| Ceramic, Digital, 30x50cm Hotplate, 230V | 04807-70 | HP-200 | HP-200D-XL-C | CB500 |
| Metal, Analog, 30x30cm Stirrer, 230V | 04807-74 | ST-200 | ST-200-L-S | SB301 |
| Metal, Analog, 30x30cm Stirrer, 120V | 04807-75 | ST-200 | ST-200-L-S-120 | SB301/120V/60 |
| Ceramic, Digital, 30x30cm Hotplate/Stirrer, 230V | 04807-76 | SHP-200 | SHP-200D-L-C | CB302 |
| Ceramic, Digital, 30x30cm Hotplate/Stirrer, 120V | 04807-77 | SHP-200 | SHP-200D-L-C-120 | CB302/120V/60 |
| Metal, Digital, 30x30cm Hotplate/Stirrer, 230V | 04807-78 | SHP-200 | SHP-200D-L-S | SB302 |
| Metal, Digital, 30x30cm Hotplate/Stirrer, 120V | 04807-79 | SHP-200 | SHP-200D-L-S-120 | SB302/120V/60 |
| Metal, Digital, 30x30cm Hotplate, 230V | 04807-80 | HP-200D | HP-200D-L-S | SD300 |

Ordering Information - continued

| Description | Ordering Number | Series No. | Model No. | Legacy Sku. |
|--|-----------------|------------|------------------|---------------|
| Metal, Digital, 30x30cm Hotplate, 120V | 04807-81 | HP-200D | HP-200D-L-S-120 | SD300/120V/60 |
| Metal, Digital, 30x50cm Hotplate, 230V | 04807-82 | HP-200D | HP-200D-XL-S | SD500 |
| Metal, Digital, 30x50cm Hotplate, 120V | 04807-83 | HP-200D | HP-200D-XL-S-120 | SD500/120V/60 |
| Infrared Hotplate, 30x30cm, 230V | 04807-84 | HP-200 | HP-200-IR-L | CR300 |
| Infrared Hotplate, 30x30cm, 120V | 04807-85 | HP-200 | HP-200-IR-L-120 | CR300/120V/60 |
| Infrared Hotplate/Stirrer, 30x30cm, 230V | 04807-86 | SHP-200 | SHP-200-IR-L | CR302 |
| Infrared Hotplate/Stirrer, 30x30cm, 120V | 04807-87 | SHP-200 | SHP-200-IR-L-120 | CR302/120V/60 |