

# Thermo Scientific Cimarec Mobil Direct, Mobil 200 and Mobil 600 Large Volume Stirrers

Excellent stirring power for high volume applications

- For use in pilot plant or integrated with process equipment
- “Quick Stop” function stops the drive within three seconds minimizing after runs and risk of vessel breakage
- IP64/65 protection rated; easily cleaned with running water
- Easy to clean, chemical resistant, sealed stainless steel housing
- Stir speeds from 100-1000 rpm
- Mobil direct can stir up to 150 L and features an integrated controller with adjustable power settings
- Mobil 200 can stir up to 200 L
- Mobil 600 can stir up to 600 L
- The maximum shaft torque is 30 Ncm for the Mobil Direct and 50 Ncm for the Mobil 200 and Mobil 600
- Mobil 200 and Mobil 600 require either the Telmodul 40 M or the Telemodul 80 M control unit



**Mobil Direct**

| Model        | Part Number | Voltage/Plug Type | Speed (rpm) | Protection Class | Power Settings (W) | Dimensions WxDxH (mm) | Weight (kg) |
|--------------|-------------|-------------------|-------------|------------------|--------------------|-----------------------|-------------|
| Mobil Direct | 50088128    | 230 V Euro        | 100-1000    | IP64             | 40                 | 330 x 330 x 80        | 16          |
| Mobil Direct | 50088131    | 115 V USA         | 100-1000    | IP64             | 40                 | 330 x 330 x 80        | 16          |
| Mobil Direct | 50088129    | 100 V Japan       | 100-1000    | IP64             | 40                 | 330 x 330 x 80        | 16          |
| Mobil Direct | 50100547    | 230 V UK          | 100-1000    | IP64             | 40                 | 330 x 330 x 80        | 16          |

Operating conditions are -10 to +40°C at 95% rH

| Model                    | Part Number | Voltage/Plug Type | Speed (rpm) | Protection Class | Power Settings (W) | Dimensions WxDxH (mm) | Weight (kg) |
|--------------------------|-------------|-------------------|-------------|------------------|--------------------|-----------------------|-------------|
| Mobil 200 w/o Controller | 50119109    | n/a               | 100-1000    | IP65             | 80                 | 180 x 180 x 80        | 6           |
| Mobil 600 w/o Controller | 50119110    | n/a               | 100-1000    | IP65             | 80                 | 330 x 330 x 80        | 16          |

Operating conditions are -10 to +56°C at 100% rH



**Cimarec Mobil 200 with Telemodul 40 M**

**Cimarec Mobil 200 and 600 stirrers require a control unit; choose either the Telemodul 40 M or Telemodul 80 M. The Telemodul 80 M has all the features of the Telemodul 40 M but boosted power available to 80 W.**

| Model                       | Part Number | Voltage/Plug Type |
|-----------------------------|-------------|-------------------|
| Telemodul 40 M Control Unit | 50118901    | 230 V Germany     |
| Telemodul 40 M Control Unit | 50118902    | 230V Italy        |
| Telemodul 40 M Control Unit | 50118903    | 230 V Denmark     |
| Telemodul 40 M Control Unit | 50118904    | 230 V UK          |
| Telemodul 40 M Control Unit | 50118905    | 230 V Swiss       |
| Telemodul 40 M Control Unit | 50118906    | 230 V Australia   |
| Telemodul 40 M Control Unit | 50118907    | 230 V China       |
| Telemodul 40 M Control Unit | 50119122    | 110 V Japan       |
| Telemodul 40 M Control Unit | 50119123    | 115 V US          |

| Model                       | Part Number | Voltage/Plug Type |
|-----------------------------|-------------|-------------------|
| Telemodul 80 M Control Unit | 50118908    | 230 V Germany     |
| Telemodul 80 M Control Unit | 50118909    | 230 V Italy       |
| Telemodul 80 M Control Unit | 50118910    | 230 V Denmark     |
| Telemodul 80 M Control Unit | 50118911    | 230 V UK          |
| Telemodul 80 M Control Unit | 50118912    | 230 V Swiss       |
| Telemodul 80 M Control Unit | 50118913    | 230 V Australia   |
| Telemodul 80 M Control Unit | 50118914    | 230 V China       |
| Telemodul 80 M Control Unit | 50119124    | 110 V Japan       |
| Telemodul 80 M Control Unit | 50119125    | 115 V US          |

### Telemodul 40 M

The powerful Telemodul 40 M controller equips Mobil 200 and Mobil 600 stirrers for the most demanding mixing tasks.

- Adjustable speeds form 100 to 1000 rpm
- Constant speeds, even during viscosity changes
- High-visibility digital display
- Adjustable start-up times
- Thermal and electrical overload protection, with fault alert



### Telemodul 80 M

The Telemodul 80 M controller offers all the functionality of the Telemodul 40 M, with power output boosted to 80 Watts for more demanding stirring tasks.

- Adjustable speeds from 100 to 1000 rpm
- Constant speeds, even during viscosity changes
- High-visibility digital display
- Adjustable start-up times
- Thermal and electrical overload protection, with fault alert

