

# ➤ Technical Specifications - Overhead Stirrers

Model	Hei-TORQUE Value 100	Hei-TORQUE Value 200	Hei-TORQUE Value 400	Hei-TORQUE Precision 100	Hei-TORQUE Precision 200	Hei-TORQUE Precision 400
P/N (115 V)	CG-2027-H-100	CG-2027-H-200	CG-2029-H-400	CG-2030-H-100	CG-2030-H-200	CG-2031-H-400
Power rating, motor input/output (W)	90/50	120/80	150/90	90/50	120/80	150/90
Number of speed gears	1	1	2	1	1	2
Direction change of rotation	-	-	-	yes	yes	-
Speed range (rpm)	10 – 2,000	10 – 2,000	10 - 400 20 – 2,000	10 – 2,000	10 – 2,000	10 - 400 20 - 2,000
Speed indicator	digital monochrom 2.4"	digital monochrom 2.4"	digital monochrom 2.4"	digital color 3.2"	digital color 3.2"	digital color 3.2"
Speed control	electronic	electronic	electronic	electronic	electronic	electronic
Torque, maximum (Ncm)	100	200	400	100	200	400
Torque indicator	symbol	symbol	symbol	precise value	precise value	precise value
Overheat protection	automatic cut-out	automatic cut-out	automatic cut-out	automatic cut-out	automatic cut-out	automatic cut-out
Motor protection	temperature control software	temperature control software	temperature control software	temperature control software	temperature control software	temperature control software
Viscosity, max. (mPa s)	60,000	100,000	250,000	60,000	100,000	250,000
Stirring cap. (H <sub>2</sub> O), max. (l)	50	50	100	50	50	100
Analog / digital interface	-	-	-	USB and RS 232	USB and RS 232	USB and RS 232
Admissible session	continuous operation	continuous operation	continuous operation	continuous operation	continuous operation	continuous operation
Counter/Timer	-	-	-	yes	yes	yes
Shaft diameter, max. (mm)	10.5	10.5	10.5	10.5	10.5	10.5
Permissible ambient conditions	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing linearly up to max. 50 % rel. humidity	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing linearly up to max. 50 % rel. humidity	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing linearly up to max. 50 % rel. humidity	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing linearly up to max. 50 % rel. humidity	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing linearly up to max. 50 % rel. humidity	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing linearly up to max. 50 % rel. humidity
Dimensions (wxhxd) (mm)	86 X 350 X 247	86 X 350 X 247	93 X 350 X 247	86 X 350 X 247	86 X 350 X 247	93 X 350 X 247
Stay bar size (dia. x l) (mm)	13 x 160	13 x 160	13 x 160	13 x 160	13 x 160	13 x 160
Weight (kg)	4.4	5.1	5.3	4.4	5.1	5.3
Protection class (DIN EN 60529)	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54

Standard supply voltage: 115 V - other voltages upon request, please specify for order