

SYNCHROMASTER MACH II

High frequency pokers with built-in inverter

The PACLITE poker vibrator Synchromaster is provided with a built-in converter in the switch box that converts the frequency 50 Hz to 200 Hz, and 1-phase 230 V to 3-phase 210 V which runs the 3-phase motor in the poker. As the poker vibrator is connected to a 1-phase wall socket-outlet it can be used everywhere.

The comfortable start/stop knobs on the front side of the switch box are easily reached. The converter in the switch box has built-in functions that protect the equipment and the user against operational hazards. The strong and user-friendly switch box of impact resistant aluminium is designed to withstand the tough construction environment.

FEATURES AND BENEFITS

- Moulded electronics.
- Strong design.
- Plug-in and work on single phase current.
- Available in 230 V and in 115 V versions.
- Also available in 40/65 and 75 mm.
- Thermal protection.
- Overload protection.
- Power loss protection.
- Stretch proof hose and cable.
- Options: 9 meters operative hose available upon demand.



Code	PACLI10.158	PACLI10.159	PACLI10.160	PACLI10.450	PACLI10.451	PACLI10.452
Model	Synchromaster-40	Synchromaster-51	Synchromaster-58	Synchromaster D-40 ERGO	Synchromaster D-45 ERGO	Synchromaster D-52 ERGO
Tube diameter (mm)	40	51	58	40	45	51
Supply voltage, V (+ / -10 Hz)	230 V (50/60)	230 V (50/60)	230V- (50/60)	230V- (50/60)	230V- (50/60)	230V- (50/60)
Power (W)	400	600	660	400	520	600
Length of tube (mm)	320	382	410	320	320	382
Hose Length (m)	7	7	7	1,2	1,2	1,2
Cable Length (m)	15	15	15	15	15	15
Tube weight (kg)	2,6	4,75	6,4	2,6	3,85	4,75
Total weight (kg)	14,1	17,5	19,5	14,1	14,5	17,5
Capacity vibration (m³/h)	12	20	30	12	16	20
Frequency in concrete (pmt)	12000	12000	12000	12000	12000	12000
Amps (A)	1,4	2,9	3,8	1,4	1,9	2,9
Vibrator type	Excentric	Excentric	Excentric	Excentric	Excentric	Excentric
Centrifugal force (N)	1500	3800	5500	1500	1800	3800
Amplitude (mm)	2,6	2,8	2,8	2,6	2,7	2,8
Vibration value (m/s²)	3,7	4,33	4,33	3,7	3,9	4,33
Sound level dB (A)	78	76	76	78	77	76
IP	IP 67	IP 67	IP 67	IP67	IP67	IP67