

High frequency pokers with built-in inverters

The PACLITE poker vibrator Synchromaster is provided with a built-in converter in the switch box that converts the frequency from 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/50 Hz single-phase or 115 V/60 Hz single phase options.
- Also available from 40 mm and 65 to 75 mm on request.
- Thermal protection.
- Overload protection.
- Power loss protection.
- Stretch-proof hose and cable.
- Options: 9 m operative hose available upon demand.



SYNCHROMASTER WITH LED FUNCTIONS

N°	POWER ON	LED Panel Window
1	ACTION	○ ○ ○ ○ *
2	SHORTCIRCUIT	○ ● ○ ○
3	OVERVOLTAGE	○ ○ ● ○
4	CURRENT LEAKAGE	○ * ○ ○
5	OVERHEATING	○ ○ * ○
6	OVERCHARGE	○ * * *
7	PHASE	○ ● * ○

(Leds visual information)

Code	PACL110.420	PACL110.421	PACL110.422	PACL110.423	PACL110.424	PACL110.400	PACL110.401	PACL110.402	PACL110.403	PACL110.450	PACL110.451	PACL110.452
Type	SYNCHROMASTER 7 METERS					SYNCHROMASTER "S" 5 METERS				ERGOTRONIC 1 METER		
Model	Synchro. 38	Synchro. 42	Synchro. 52	Synchro. 58	Synchro. 65	Synchro. 38	Synchro. 42	Synchro. 52	Synchro. 58	Ergotronic D-40	Ergotronic D-45	Ergotronic D-51
Tube diameter (mm)	38	42	52	58	65	38	42	52	58	38	42	52
Supply voltage, V (+/-10 Hz)	110 V-230 V (50/60)											
Power (kW)	1,5	1,5	1,5	1,5	2,2	1,1	1,5	1,5	1,5	1,5	1,5	1,5
Length of tube (mm)	340	320	350	410	425	340	320	350	410	340	320	350
Hose length (m)	7	7	7	7	7	5	5	5	5	0,7	0,7	0,7
Cable length (m)	15	15	15	15	15	15	15	15	15	15	15	15
Tube weight (kg)	2,2	2,7	4,3	6,3	8,2	2,2	2,7	4,3	6,3	2,2	2,7	4,3
Total weight (kg)	12	15	17	19	21	9	12	14	15	10	11	12
Capacity vibration (m³/h)	20	25	40	45	50	20	25	40	45	20	25	40
Frequency in concrete (pmt)	12000											
Amps (A)	1,3	1,8	2,6	3	3,4	1,3	1,8	2,6	3	1,3	1,8	2,6
Vibrator type	Excentric											
Centrifugal force (N)	1750	1900	3750	5750	7200	1750	1900	3750	5750	1750	1900	5750
Amplitude (mm)	1,9	2,1	2,8	2,1	2,5	1,9	2,1	2,8	2,1	1,9	2,1	2,1
Vibration value (m/s²)	1,5	1,6	2,2	2,5	2,9	1,5	1,6	2,2	2,5	1,5	1,6	2,2
Sound level dB (A)	87											
IP	IP 44 - 57											