



INTERNAL CONCRETE VIBRATORS

M4P, VPI, VPK



Premium Brand

European Built
5 mtr Hose with 10 mtr cable
Up to 10mtr Hose available (Special Order)
Pokers sizes 31, 39, 50, 58mm
Polyurethane noses available
115/1/50 and 230/1/50 pokers available
Robust Heavy Duty Aluminium Switch box with Marquant Switch
Aluminium integrated inverter/switch box with phase failure and overload protection and with personal protection by residual current circuit breaker.
Heads and Inverter/Switch box can be ordered separately for repair of other manufacturers units

M4P 115/1/50 HIGH FREQUENCY ELECTRIC IMMERSION VIBRATORS

Model	M4P31-115	M4P39-115	M4P50-115	M4P59-110	M4P65-230
Input Voltage	115/1/50	115/1/50	115/1/50	115/1/50	115/1/50
Output watts	470	600	750	850	850
Current (Start up +15%) *	7.3 amps	7.7 amps	12.8 amps	14.6 amps	15.5 amps
Power Factor of Motor	0.8	0.8	0.8	0.8	0.8
Average Motor Efficiency	67%	67%	67%	67%	67%
Head Diameter	31mm	39mm	50mm	59mm	65mm
Head Length	320mm	370mm	390mm	360mm	350mm
Head Weight	1.7kg	2.8kg	4.8kg	6.0kg	7.2kg
Hose size	18 x 28	20 x 33	25 x 40	25 x 40	25 x 40
Hose length	5 mtr	5 mtr	5 mtr	5 mtr	5 mtr
Cable Length	10 mtrs	10 mtr	10 mtr	10 mtr	10 mtr
Total Weight 5mtr model	12.6 kg	13.9 kg	17.9 kg	18.6 kg	19.6 kg
Frequency vpm	12000	12000	12000	12000	12000
Amplitude	1.8	1.8	2.4	2.4	2.4
Centrifugal Force Newton	1400	1600	3600	5400	7200
Centrifugal Force Kg	153	165	395	592	734
Weighted Vibration m/s ²	<2.5	<2.5	<2.5	<2.5	<2.5
Output maximum m ³ /hr	12	20	30	35	35
Radius of effectiveness	120mm	150mm	225mm	300mm	480mm
S P Level d(b)A	< 72d(b)A	< 70d(b)A	< 70d(b)A	< 70d(b)A	< 70d(b)A

Important Warning when using on 115 volt: We do not recommend using this equipment with a generator, if you do the generator must be regulated, the inverter will fail if the voltage varies by $\pm 10\%$. Short term spikes/peaks over 160Volt will destroy the protection mechanism. Impacts to the inverter over 100 m/s² will cause damage.

* Start up is smooth in ramp. 15% allowance for when lubricant is cold when warm would be less when warm.

20 Cecil Pashley Way, Shoreham Airport, Shoreham by Sea, West Sussex, BN43 5FF
Tel: +44 (0)1273 430977 Fax: +44 (0)1273 430978 Email: sales@vibtec.com Web: www.vibtec.com