

	Jumbo VibroCorer®	Other conventional Vibrocorer	Other conventional Vibrocorer	Other conventional Vibrocorer
Thrust	100 kN	0	0	0
Vibration force	54 kN	70 kN	30 kN	89 Kn
Frequency	from 0 to 36 Hz	from 10 to 50 Hz	28 Hz	from 25 to 30 Hz
Mobilisation with plug and play setup	yes	yes	no	no
Change barrels with the frame laid horizontally or vertically	yes	yes	no	no
Core sample diameter (mm)	110	100	110	100
Depth Rating (m)	up to 250	up to 300	up to 300	up to 250
Quick release barrel system	yes	yes	no	no
Ability to monitor parameters and penetration in real time	yes	yes	no	yes
Ability to operate remotely in real time on coring configuration parameters (thrust, speed, etc.)	yes	no	no	no
Download graphs and sampling data	yes	no	no	no
Possibility of increasing the size of the feet to distribute the weight of the vibrocorer on soft sediments	yes	yes	no	no
Ability to work on sloping seabeds	yes	no	no	no
Automatic leveling function	yes (up to a maximum of 34°)	no	no	no
Tilting system (patented)	yes	no	no	no
Self-recovery system of the barrel	yes	no	no	no
Emergency barrel release system	yes	no	no	no