



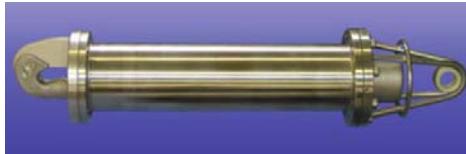
The Acoustic releaser, consisting of the on-board Controller and the underwater Releaser, is designed for the installation and recovery of various oceanic observation instruments. The Releaser's operation is remotely controlled by means of ultrasonic signals from the Controller.

MODEL-SMC/MMC has been developed mainly for repeated recovery of mooring equipment. MODEL-LGC has been developed mainly for quickly and securely disengaging the hook by the gas pressure from the gas generator cartridge.

## Mooring models for shallow sea and lakes



*MODEL-SMC/-1Y*



*MODEL-MMC*



*MODEL-CC*

## Mooring models for deep sea and heavy-duty operation



*MODEL-LGC/-Ti*



*MODEL-LGC-7ton*



*MODEL-LCC*

## Specification / Performance

Releaser MODEL-	-SMC	-SMC-1Y	-MMC	-LGC	-LGC-Ti	-LGC-7ton
Max. working depth	500 m	500 m	2,000 m	6,000 m	10,000 m	6,000 m
Max. releasable load	3.9 kN (0.4 tf)	3.9 kN (0.4 tf)	9.8 kN (1 tf)	12.6 kN (2 tf)	12.6 kN (2 tf)	68.65 kN (7 tf)
Releasing mechanism	Motor drive	Motor drive	Motor drive	Gas pressure	Gas pressure	Gas pressure
Dimensions	φ 116 x 500 mm	φ 116 x 597 mm	φ 102 x 677 mm	φ 118 x 790 mm	φ 110 x 780 mm	φ 118 x 1,038 mm
Weight (air / water)	7.1 kg / 51 N	7.5 kg / 64 N	18 kg / 132 N	34 kg / 268 N	17 kg / 108 N	59 kg / 481 N
Battery life	6 months	1 year	2 years	2 or 3 years	2 or 3 years	2 or 3 years
Inclination sensor	equipped	equipped	equipped	equipped	equipped	equipped
Outer power button	-	-	equipped	equipped	equipped	equipped
Housing material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Titanium alloy	Stainless steel
Controller MODEL-	MODEL-CC (for S/MMC)			MODEL-LCC (for LGC)		
Command types	Call / Slant range / Release / Hook reset			Call / Slant range / Release		
Dimensions	335 x 250 x H200 mm, 20 m cable			335 x 250 x H200 mm, 30 m cable		
Weight	10 kg (housing), 6.5 kg (transducer)			10 kg (housing), 11 kg (transducer)		
Power source	AC 100 V or DC 24 V			AC 100 V or DC 24 V		

For more information about Releasers, see the individual leaflet, web page, or contact us.