



Specifications and prices: RB Mini 150

<i>ROV dimensions</i>	Length	380 mm
	Width	320 mm
	Height	270 mm
<i>With manipulator</i>	Length	400 mm
<i>ROV weight</i>		app. 7,5 kg
<i>Depth rating</i>		up to 100m
<i>Motors</i>	vertical Motor	1x (1,2 kg)
	horizontal motor	2x (1,2 kg/pcs.)
	lateral motor	1x (1,2 kg)
	propeller and guard	60 mm diameter
	speed	0-1,25m/sec or 0-2,43 kts
<i>Operating temperature</i>	in water	0°- 30° C
<i>Cable (umbilical)</i>	length	150 m
	diameter	7,3 mm
	type	neutral buoyancy
	tested water temperature	0°- 30° C
<i>Cable reel</i>		with sliding contact
<i>ROV control unit and power supply</i>		main supply
		hand controller joystick
		sonar on/off switch
		lights
		cable (umbilical)
		2 RCA video out
		RS 232
		15" LED monitor

Underwater Detection and Salvage operations – ROV and Side Scan Sonar Sales and Services

www.sandyair.org

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RAIFFEISEN LANDES BANK TIROL

IBAN: AT38360000003511557 BIC/SWIFT: RZTIAT22

Electronics	power plug on ROV	5 needles-multi plug
	power supply	220-240VAC 50Hz
	cable voltage	up to 450 VDC
	power consumption w/o additional equipment	300 Watt
Construction	hull	synthetic material
Lights	front	4x app. ~ 700-Lumen LED (10 Watt/ea.)
Front camera	bw /color	color
	resolution	600 lines
	luminous sensitivity	0.3 Lux
	camera lense	wideangle
	focus	manually adjustable
	tilt angle	180°
	video format	PAL composite

Additional equipment (optional):

Laserpointers	
2 jaw manipulator with the functions: open/close/rotate	
Sector Scanning Sonar ROVBUILDER RAY	
Rear camera	
LYYN HAWK PORTABLE	on request
LYYN HAWK BOARD INTEGRATION KIT	on request
CYGNUS MINI ROV multiple echo ultrasonic	on request
digital thickness gauge	
USBL positioning system	on request
TRITECH SONAR	on request

Manipulator specifications:

Depth rating:	300 m
Max. jaw opening:	82 mm
Max. length:	390 mm
Diameter	48 mm
Weight on land:	590 g
Weight in water:	200 g
Rotation	in both directions (360°)
Power supply	supplied via ROV 24 V DC

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Sector Scanning Sonar RovBuilder Ray specifications:

Dimensions	H 74 mm x Ø 71 mm
Weight	427g; in water: 200g
Working temperatur	-10°C to +35°C (14°F to 95°F)
Frequency	215 kHz
Beam width	6° vertical / 6° horizontal
Range settings	from 2 m to 100 m
Scan sector	adjustable by operator (up to 360°)
Step speeds	standard / fast
Extras	distance measuring, true acoustic zoom
Power supply	12V – 36V
Data link	RS 232 115kb/s
Computer requirements	Windows XP/Vista/Win7/Win8 compatible; PC or Laptop. serial COM-port or USB

Prices

RB Mini 150	Euro 8 400
Manipulator 2 jaws	Euro 1 650
Sector Scanning Sonar Rovbuilder RAY	N/A
Laser pointers	Euro 450
Rear camera B/W	Euro 750
2 days ROV piloting course at buyer's location	Euro 2 400
	plus accommodation and travel expenses

Prices excl. VAT, custom taxes and shipping fees

Packing	shipping boxes	control unit in AMRE case ROV cable on reel in wooden crates
	total weight	47 kg
Warranty	limited warranty	2 years

The producer reserves the right to change specifications and prices without prior notice.

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