



Specifications and prices: RB Mini 300

ROV dimensions	Length	420 mm
	Width	320 mm
	Height	280 mm
Incl. manipulator	Length	500 mm
ROV weight		app. 8,5 kg
Depth rating		200 m
Propulsion	vertical motors	2x (1,35 kg/each)
	horizontal motors	2x (1,35 kg/each)
	lateral motor	1x (1,35 kg)
	propellers and guards	60 mm diameter
	speed	0-1,54m/sec or 0-3 Kts
Operating temperatur	in water	0°- 30° C
Tether (umbilical)	Length	220 m
	Diameter	7,3 mm
	Type	neutral bouyonce
	Operating temperatur in water	0°- 30° C
Cable reel		with slip ring
ROV control unit and power supply		main supply
		hand controller-joystick
		sonar on/off switch
		lights on/off switch
		cable (umbilical)
		2 RCA Video Out
		RS 232
		15 Zoll LED monitor

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

www.sandyair.org

VAT: ATU 57210039

office@sandyair.com T: +43 699 1899 9917

RAIFFEISEN LANDES BANK TIROL

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Elektric	connector at ROV	4 pin-multi connector
	power supply	220-240VAC 50Hz
	tether voltage	up to 450 VDC
	power consumption without additional equipment	500 Watt
Construction	hull	synthetic materials
Light	front lights	4x app. ~ 700-Lumen LED (10 Watt/ea.)
Front camera	bw / color	color
	Resolution	600 lines
	Light sensitivity	0.3 Lux
	Camera lense	wide angle
	Focus	manually adjustable
	Tilt angle	180°
	Video format	PAL Composite

Additional equipment (optional):

Laserpointer	
2 jaw manipulator: 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 supersonic thickness gauge	on request
USBL positioning system	on request
TRITECH SONAR	on request

Specifications of the manipulator:

Depth rating:	300 m
Maximum jaw opening:	82 mm
Maximum length:	390 mm
Diameter:	48 mm
Weight in air:	590 g
Weight in water:	200 g
Rotation:	in both directions (360°)
Power supply:	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
Operating temperatures:	-10°C to +35°C (14°F to 95°F)
Frequency:	215 kHz
Opening angle:	6° vertical / 6° horizontal
Distance adjustments:	from 2 m to 100 m
Scansector:	adjustable (up to 360°)
Step speed:	standard / fast
Special features:	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 300	Euro 14 500
Manipulator (2 jaws)	Euro 1 650
Sector Scanning Sonar Rovbuilder RAY	N/A
Laser pointer	Euro 450
Rear camera B/W	Euro 750
2 days ROV pilot instructions at buyer's location	Euro 2 400
	add travel expenses, accommodation, food

Prices excl. VAT, custom taxes and shipping

Packaging	shipping containers	control unit in AMRE case ROV& tether on reel in wooden crates
	shipping weight	65 kg
Warranty	limited warranty	2 years

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

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