

GNOM SUPER PRO

TECHNICAL SPECIFICATIONS
 Operating depth 150 m (300 m - optional)
 Cruising speed up to 4 knots
 Total power consumption 2000 watts
 (100-240VAC)
 ROV weight 25,0 kg
 ROV dimensions 600x380x400 mm



GNOM Super Pro	Basic set
Pro-3-150-1	"SuperGNOM Pro" submersible (Depth Rating 150 m 300-optional) thrusters: 2 x horizontal, 2x vertical (vectored) protection polypropylene frame Front and rear color camera 1/3", Super HAD 2 CCD, 700 TV lines, 0,1 lux 2 x camera tilt servo $\pm 50^\circ$ Front and rear lights LEDs and front light with tilt servo (variable intensity) compass, depth sensor (on-screen overlay, autoguide mode, autodepth mode) tether (negative bouynce, 10 mm diam.) 200 m hand reel with slip ring (8 contacts) surface control/power supply unit 230VAC, waterproof case integrated monitor LCD TFT 15" wireless joystick, cable connectors set, spare parts, owners manual 3 waterproof cases
Upgrade	Depth rating 300 m (300 m tether included)
	Additional features & spare parts
Additional	Imaging sonar BlueView Sector sonar Trittech Micron. Prepared for GNOM USBL positioning system Trittech Micronav. Prepared for GNOM Grabber with grips (controlled from joystick) Grabber with grips 2-functions (controlled from joystick, gran + rotate) Additional colour (B/w) CCD camera, embedded cluster 1 x 14 LED Digital photo/video camera (option, record high quality photo/video on a board) Camera tilt servo $\pm 50^\circ$ with dome Additional lights with tilt servo $\pm 50^\circ$ (synchronously with the camera) Laser pointers (2 x Red Lased Diodes) control from joystick The PC compatible single board computer is connected with touch LCD monitor 15" and integrated into the control case. Standart interfaces (USB, Ethernet, COM, etc), the videograbber board, special ROV GNOM software.
Tether and accessories	Hand reel with sliding contact Tether neutral negative buoyance (10 mm, 2 wires + 3 twisted pair)
Other	Virtual monitor (Video Glasses) Digital videorecorder integrated (SDHC max. 32Gb, D1 -704 x 576) Real-time video image enhancement system PC interface/sw (PC control/video) Client-server