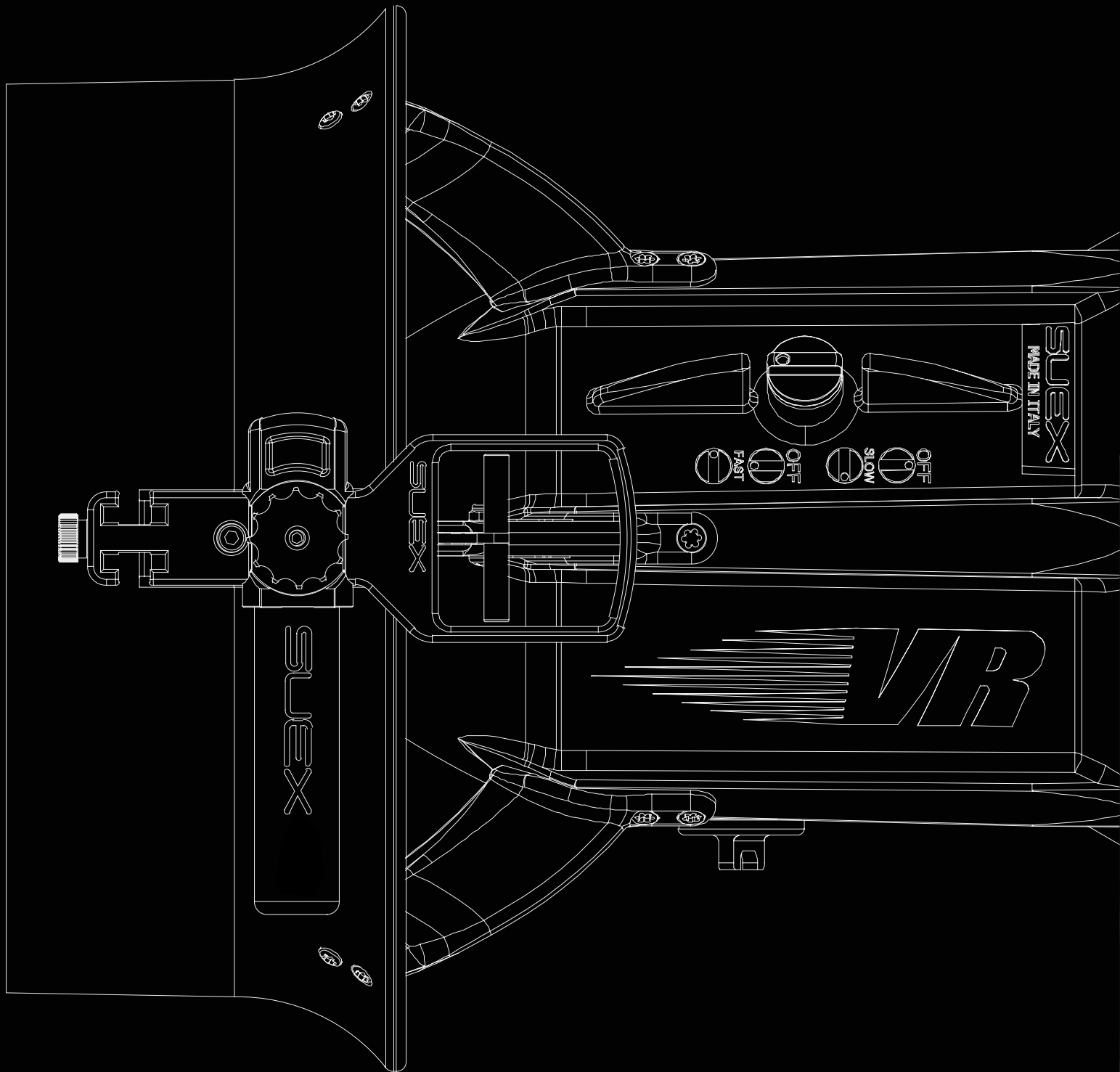


SUEX



THE SUBMARINE EXPLORATION COMPANY



SUEx

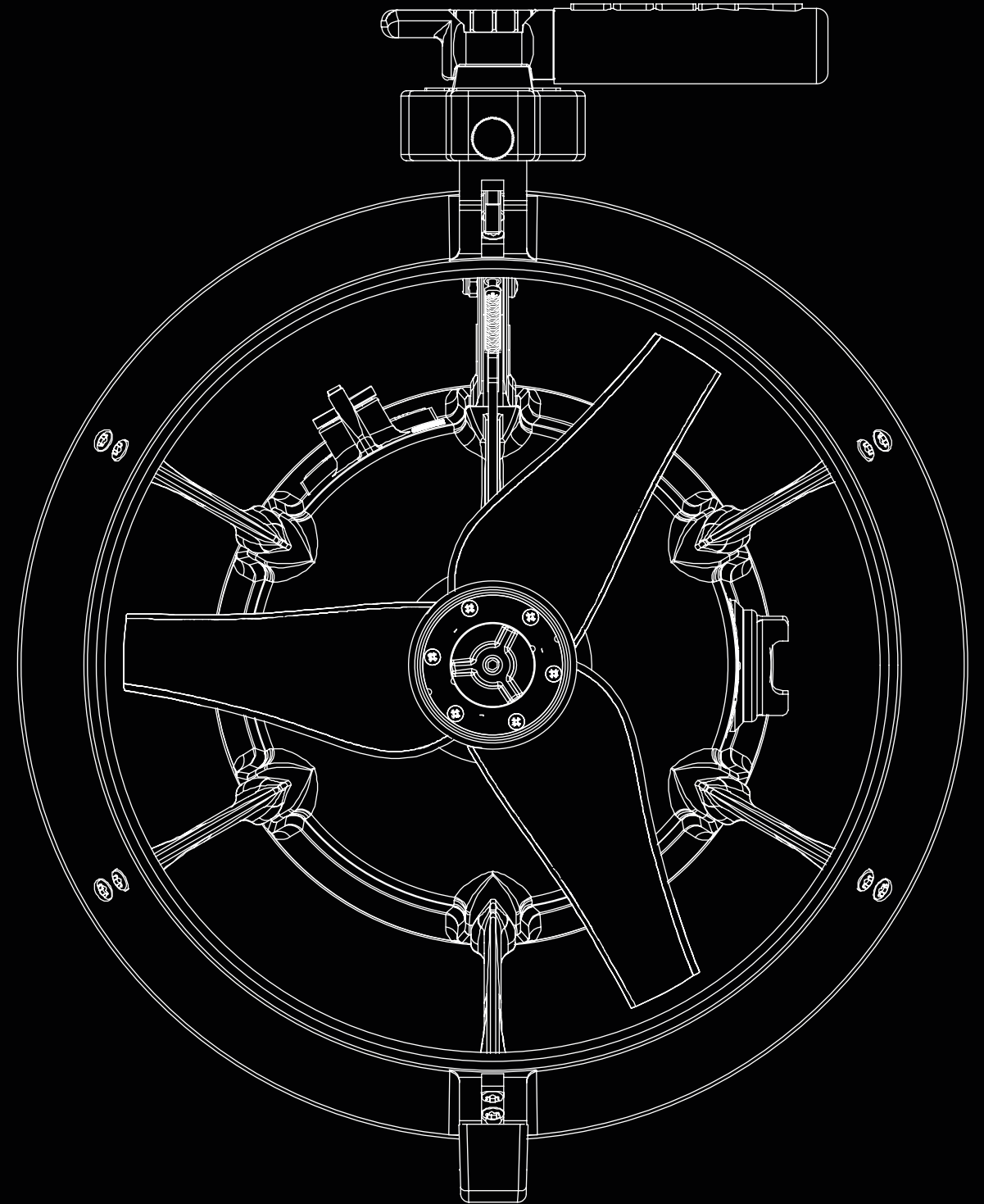
THE SUBMARINE EXPLORATION COMPANY

The history of Suex begins in the year 2000 with the aim of producing high performance underwater vehicles.

Vehicles intended for long-range exploratory diving as well as deep technical diving. SUEX - The Submarine Exploration Company - unquestionably represents the technological leader in underwater mobility.

Performance, reliability, maneuverability, quality and style. A complete range of products, combined with global support are the company's trademark.

SUEX scooters are suitable for both recreational and professional use.



SUEX DPV MODELS

7SEVEN

VR-T

VR-X

XJ-T















XJ-S

XK

Suex Diving Propulsion Vehicles represent the cutting-edge technology of underwater mobility. Performance, reliability, maneuverability, complete product range and excellent global service are the cornerstones that make Suex the undisputed leader in the underwater diver propulsion market.

Diving a Suex DPV is an incredible experience, ensures both a high level of maneuverability in overhead environments and comfort during extensive cruising. Years of unrivalled experience diving Suex scooters is appreciated worldwide including a full range of accessories, exclusive features and patented designs to get the most from your Suex scooter.

SUEX DPV FEATURES

-  APP Calypso
-  Battery Gauge
-  Proplock Propeller
-  Speed Adjustment
-  Motor Protection
-  Battery Protection
-  Easy Inspect
-  Easy Trim
-  Fastening Device
-  Main Switch
-  Sealed Motor Compartment
-  NBS - Neutral Buoyancy System
-  Made Salt Resistant
-  Certifications



7SEVEN

VR-T



VR-X



7
S
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E
N

7SEVEN

FEATURES

USE	RECREATIONAL	 FLIGHT APPROVED
LENGTH	mm 790 (inch 31.1)	
WIDTH	mm 407 (inch 16)	 CALYPSO CONNECT Motor
HEIGHT	mm 338 (inch 13.1)	
BODY DIAMETER	mm 200 (inch 7.67)	
WEIGHT WITHOUT BATTERY	kg 11,5 (lb 25.4)	
WEIGHT WITH BATTERY	kg 19 (lb 41.8)	
MATERIAL TYPE	Tecnopolymers/Polycarbonate	
MAX STATIC THRUST	N 185 (lb 41.5)	
TOP SPEED	mt/min 60 (ft/min 197)	
MAXIMUM OPERATIONAL DEPTH	mt 80 (ft 260)	
BUOYANCY/ TRIM	Neutral/Neutral	
IN-WATER USAGE TEMPERATURE	°C -5/+35 (°F +23/+95)	
RUNTIME-RANGE	<u>SPEED</u>	<u>BURNTIME</u>
	FULL TRIGGER	60 MIN
	CRUISE 45 MT/MIN	75 MIN
BATTERY TYPE	Valve Regulated Lead-Acid (VRLA)	
NOMINAL VOLTAGE	Volt 24	
NOMINAL CAPACITY	Wh 360	
MAXIMUM RECHARGING TIME	h 8	
CHARGER POWER SUPPLY	Volt 110/220 50/60HZ	

- Top speed is delivered with fully charged battery
- Diver : 70kg weight, 170cm high - wet suit single 10lt tank - horizontal trim - Conditions : sea water - no flow/current



VR

FEATURES

USE
LENGTH
WIDTH
HEIGHT
BODY DIAMETER
WEIGHT WITHOUT BATTERY
WEIGHT WITH BATTERY
MATERIAL TYPE
MAX STATIC THRUST
TOP SPEED
MAXIMUM OPERATIONAL DEPTH
BUOYANCY/ TRIM
IN-WATER USAGE TEMPERATURE
RUNTIME-RANGE



BATTERY TYPE
NOMINAL VOLTAGE
NOMINAL CAPACITY
MAXIMUM RECHARGING TIME
CHARGER POWER SUPPLY

- Top speed - thrust is delivered with fully charged battery
- Diver : 70kg weight, 170cm high - wet suit single 10lt tank - horizontal trim - Conditions : sea water - no flow/current

T - SERIES

RECREATIONAL
mm 720 (inch 28.3)
mm 340 (inch 12.9)
mm 425 (inch 16.7)
mm 200 (inch 7.8)
kg 11,50 (lb 24.5)
kg 16,50 (lb 35.3)
Tecnopolymers/Polycarbonate
N 200 (lb 44.96)
mt/min 65 (ft/min 213)
mt 101 (ft 331)
Neutral/Neutral
°C -5/+35 (°F +23/+95)



<u>SPEED</u>	<u>BURNTIME</u>
FULL TRIGGER	60 MIN
CRUISE 45 MT/MIN	100 MIN
Nimh	
Volt 24	
Wh 324	
h 4,5	
Volt 110/220 50/60HZ	

-  FLIGHT APPROVED
-  CALYPSO CONNECT Motor

X - SERIES

RECREATIONAL
mm 720 (inch 28.3)
mm 340 (inch 12.9)
mm 425 (inch 16.7)
mm 200 (inch 7.8)
kg 11,50 (lb 24.5)
kg 16,50 (lb 35.3)
Tecnopolymers/Polycarbonate
N 200 (lb 44.96)
mt/min 65 (ft/min 213)
mt 101 (ft 331)
Neutral/Neutral
°C -5/+35 (°F +23/+95)

<u>SPEED</u>	<u>BURNTIME</u>
FULL TRIGGER	100 MIN
CRUISE 45 MT/MIN	150 MIN
LI-ion	
Volt 25,2	
Wh 512	
h 6	
Volt 110/220 50/60HZ	

-  EXTERNAL CHARGE
-  CALYPSO CONNECT Motor, Battery

A photograph of three divers underwater, illuminated by blue light. They are holding large, black, cylindrical lights with the brand name 'SUEX' printed on them. The divers are wearing black wetsuits and have multiple white scuba tanks on their backs. The diver in the foreground is holding a light that is turned on, casting a small beam of light. The background shows the sandy bottom of the ocean.

XJ-T

XJ-S

XK



FEATURES

USE
LENGTH
WIDTH
HEIGHT
BODY DIAMETER
WEIGHT WITHOUT BATTERY
WEIGHT WITH BATTERY
MATERIAL TYPE
MAX STATIC THRUST
TOP SPEED
MAXIMUM OPERATIONAL DEPTH
TEST DEPTH
BUOYANCY/ TRIM
IN-WATER USAGE TEMPERATURE
RUNTIME-RANGE

BATTERY TYPE
NOMINAL VOLTAGE
NOMINAL CAPACITY
MAXIMUM RECHARGING TIME
CHARGER POWER SUPPLY

- Top speed is delivered with fully charged battery
- Diver : 70kg weight, 170cm high - drysuit - double 12 tanks - horizontal trim - Conditions : sea water - no flow/current



T - SERIES

TECH/COMMERCIAL
mm 814 (inch 31,1)
mm 436 (inch 17,2)
mm 340 (inch 13,4)
mm 197 (inch 7,8)
kg 14 (lb 30,9)
kg 20 (lb 44,1)
Aluminum body
N 330 (lb 74,2)
mt/min 85 (ft/min 278)
mt 200 (ft 656)
mt 300 (ft 984)
Neutral/Neutral
°C -5/+35 (°F +23/+95)




SPEED	BURNTIME	RANGE
FULL TRIGGER	35 MIN	2,4 (1,1) KM (nm)
60 MT/MIN	50 MIN	2,9 (1,5) KM (nm)
CRUISE 45 MT/MIN	75 MIN	3,2 (1,7) KM (nm)
Nimh		
Volt 26,4		
Wh 370		
h 4,5		
Volt 90/240 - 50/60 Hz		

-  FLIGHT APPROVED
-  CALYPSO CONNECT Motor
-  ERON D-1 DASHBOARD CONNECT

S - SERIES

TECH/COMMERCIAL
mm 814 (inch 31,1)
mm 436 (inch 17,2)
mm 340 (inch 13,4)
mm 197 (inch 7,8)
kg 14 (lb 30,9)
kg 20 (lb 44,1)
Aluminum body
N 330 (lb 74,2)
mt/min 85 (ft/min 278)
mt 200 (ft 656)
mt 300 (ft 984)
Neutral/Neutral
°C -5/+35 (°F +23/+95)

SPEED	BURNTIME	RANGE
FULL TRIGGER	85 MIN	5,9 (2,7) KM (nm)
60 MT/MIN	150 MIN	7,2 (3,8) KM (nm)
CRUISE 45 MT/MIN	185 MIN	8,1 (4,3) KM (nm)
LI-ion		
Volt 25,2		
Wh 940		
h 8		
Volt 90/240 - 50/60 Hz		

-  BATTERY GAUGE
-  CALYPSO CONNECT Motor, Battery, Eron D-1
-  ERON D-1 DASHBOARD CONNECT



XK

FEATURES

USE	TECH/COMMERCIAL LONGRANGE/CAVE			 BATTERY GAUGE
LENGTH	mm 975 (inch 38,4)			 CALYPSO CONNECT
WIDTH	mm 462 (inch 18,2)			Motor, Battery, Eron D-1
HEIGHT	mm 364 (inch 14,33)			 ERON D-1 DASHBOARD CONNECT
BODY DIAMETER	mm 197 (inch 7,8)			
WEIGHT WITHOUT BATTERY	kg 17 (lb 37,48)			
WEIGHT WITH BATTERY	kg 25 (lb 55,12)			
MATERIAL TYPE	Aluminum body			
MAX STATIC THRUST	N 375 (lb 84,3)			
TOP SPEED	mt/min 100 (ft/min 328)			
MAXIMUM OPERATIONAL DEPTH	mt 200 (ft 656)			
TEST DEPTH	mt 300 (ft 984)			
BUOYANCY/ TRIM	Neutral/Neutral			
IN-WATER USAGE TEMPERATURE	°C -5/+35 (°F +23/+95)			
RUNTIME-RANGE	<u>SPEED</u>	<u>BURNTIME</u>	<u>RANGE</u>	
	FULL TRIGGER	100 MIN	8,1 (4,3) KM (nm)	
	80 MT/MIN	120 MIN	9,6 (4,9) KM (nm)	
	60 MT/MIN	200 MIN	12,0(7,0) KM (nm)	
	CRUISE 45 MT/MIN	330 MIN	14,8(7,5) KM (nm)	
BATTERY TYPE	LI-ion			
NOMINAL VOLTAGE	Volt 36			
NOMINAL CAPACITY	Wh 1340			
MAXIMUM RECHARGING TIME	h 8			
CHARGER POWER SUPPLY	Volt 90/240 - 50/60 Hz			

- Top speed is delivered with fully charged battery
- Diver : 70kg weight, 170cm high - drysuit - double 12 tanks - horizontal trim - Conditions : sea water - no flow/current

CONNECTIVITY

ERON D-1 • CALYPSO





ERON D-1

ERON D-1 DASHBOARD

FEATURES

- Wireless DPV data receiver
- DPV and wrist mounting
- One touch functions activation
- Minutes of Residual DPV Burntime at actual speed
- DPV Battery state of charge
- DPV Instant fuel consumption
- DPV Speed (available with Suex Synapsy nose)
- DPV travelled Distance (available with Suex Synapsy nose)

NAVIGATION

- Heading
- Course
- Waypoints
- DPV customized compass settings
- Advanced 3 axis Accelerometer, Compass and Gyro
- Proprietary fusion firmware
- GPS (available with Suex Synapsy nose)

BOTTOM TIMER

- Depth
- Max Depth
- Average Depth
- Ascent speed
- Stop Watch
- Water Temp
- Editable Notes Pages
- Logs
- AA user's replaceable battery

DESKTOP SOFTWARE

- Geo referenced DIVE LOG book w/Mapping capability
- Satellite Maps with track recorder
- Firmware uploader
- Editable Notes uploader



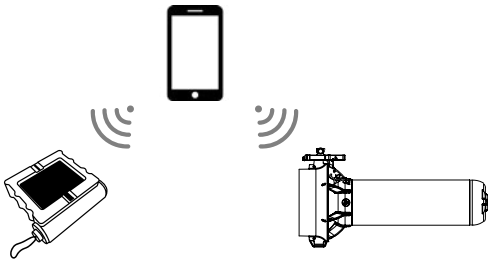


CALYPSO APP

SUEX Calypso mobile application is developed to stay connected to your SUEX diving equipment.

Its principal features are the following:

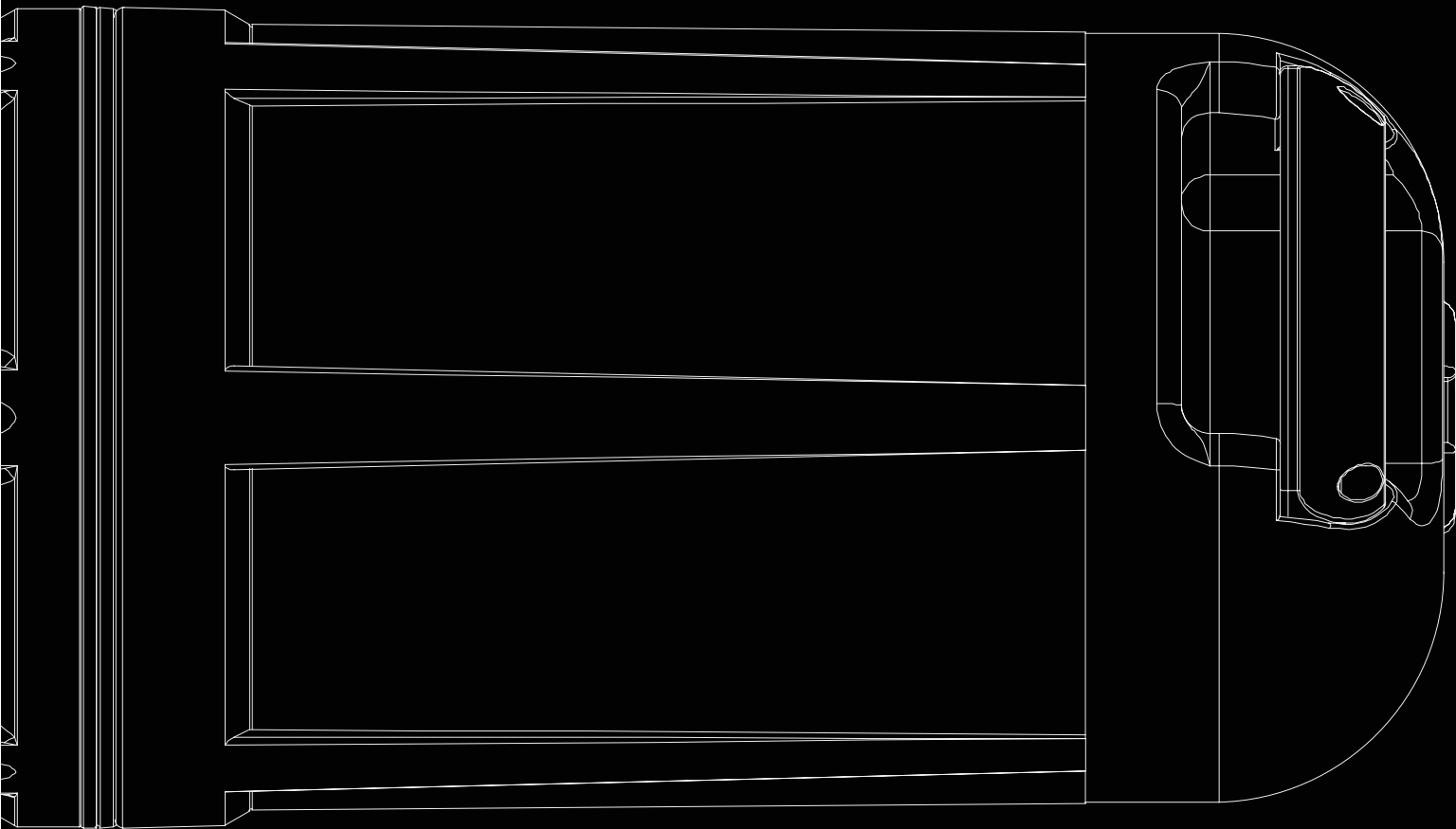
- Stay connect with SUEX diving equipment.
- Have instant access to your essential data before and after the dive.
- Monitor the performance status of your SUEX equipment.
- Configure the basics parametrs before any dive.
- Update the firmware of ERON D-1, SUEX batteries and Motorboards to the latest version.
- Have even more fun during your diving adventures!





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Photos © Younghun Kan





www.suex.it