ARIS EXPLORER 3000

SEE WHAT OTHERS CAN'T

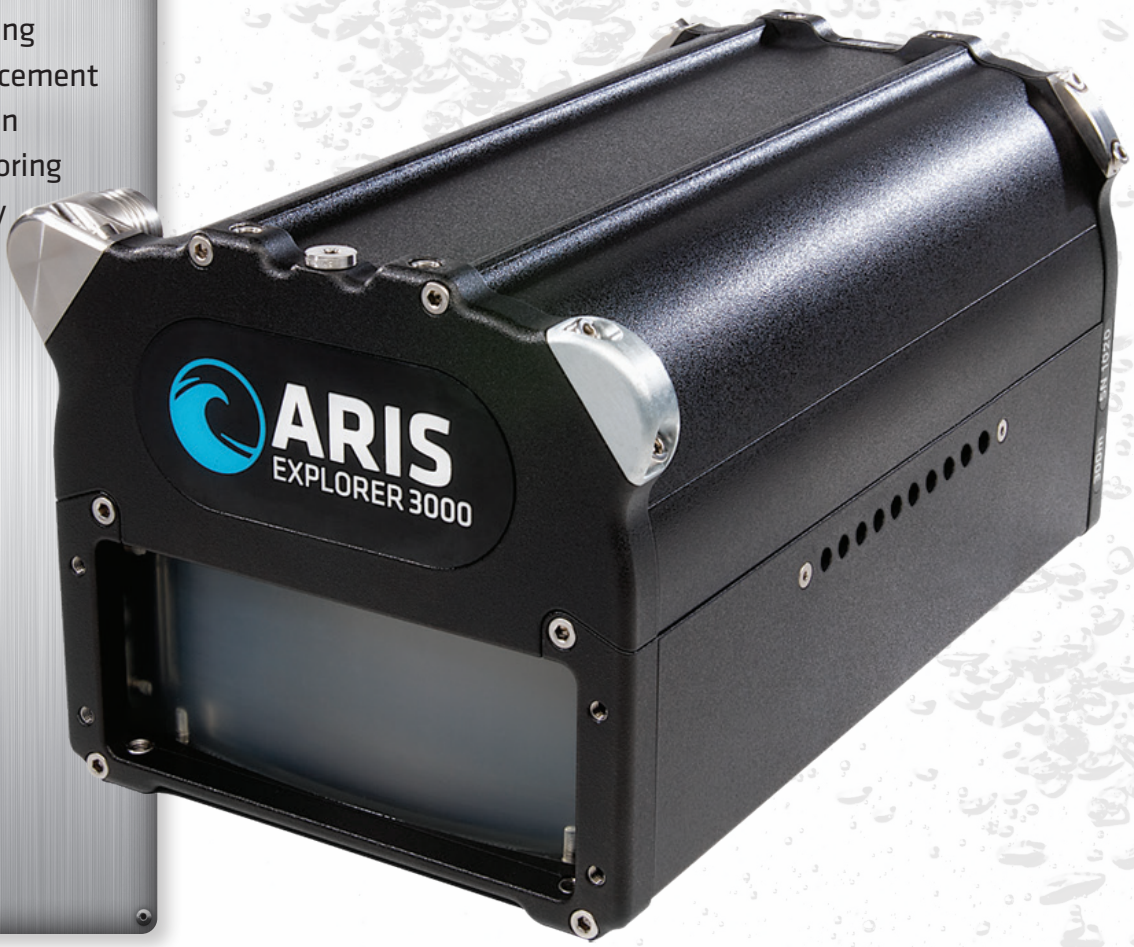
APPLICATIONS:

- Underwater Inspection
- Monitor Operations & Divers
- Construction Monitoring
- Equipment & Tool Placement
- Hull & Berth Inspection
- Environmental Monitoring
- Port & Harbor Security
- Target Identification & Classification

IDENTIFICATION FREQUENCY:
3.0 MHz
5 m Range

DETECTION FREQUENCY:
1.8 MHz
15 m Range

DEPTH RATING:
300 m



SOUND METRICS

DIDSON Technology

THE NEXT GENERATION IN CLARITY

With 128 distinct physical beams operating at 3 MHz, the ARIS Explorer 3000 can provide higher resolution than any other imaging sonar in its class with unprecedented image clarity even in dark or turbid waters. For longer range applications, Sound Metrics offers the Explorer 1800 and Explorer 1200 models. All models offer dual frequencies, dynamic focusing, multiple recording and output options, background subtraction and innovative software. Teamed with the ARIS Rotator AR_2 on a tripod, pole-mount or ROV, the ARIS Explorer line opens up exciting new possibilities of underwater discovery. For more information, visit *www.soundmetrics.com*.

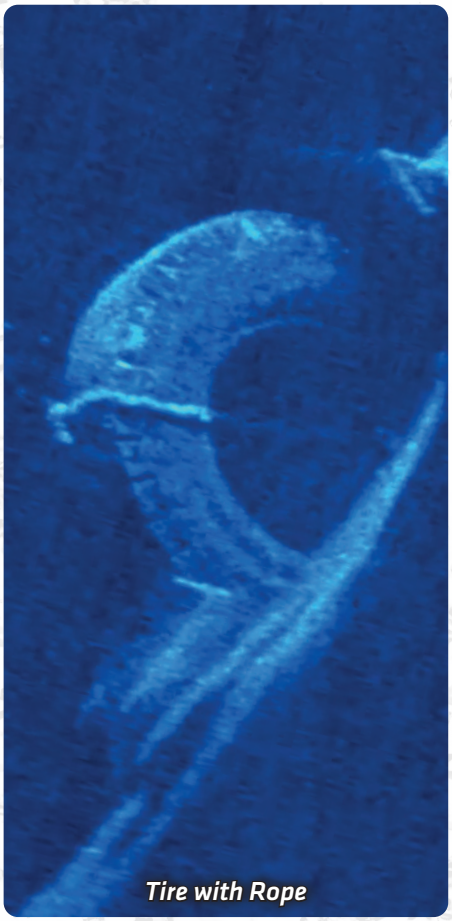
ARIS EXPLORER 3000

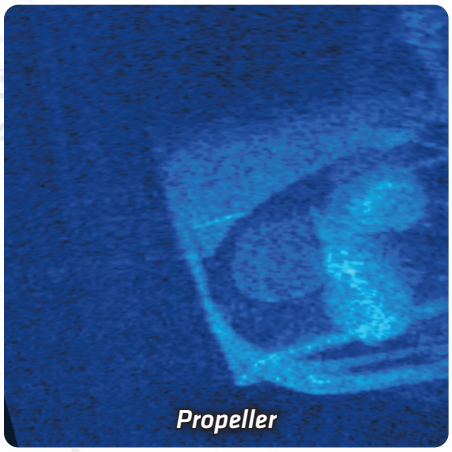
FEATURES:

- Dual Frequency Operation: 3.0 MHz & 1.8 MHz
- High-Definition Imagery
- Capable of Close Range Imaging
- Dynamic Focus
- Built in Compass & Depth Gauge
- Compact & Lightweight
- Low Power Requirement
- Easy Integration
- Ethernet Interface
- Windows™ Based Software

Founded in 2002, Sound Metrics is the first company to introduce a high-frequency imaging sonar to the commercial market. The DIDSON brand of imaging sonars set a new standard for excellence in underwater vision in black and turbid waters. The company recently launched the next generation of DIDSON with the release of ARIS high-resolution and high definition imaging sonars. With the ARIS product range, Sound Metrics once again sets a new standard for imaging at extremely close ranges in all types of water.

Sound Metrics strives to offer the most advanced technology along with the best support and most innovative solutions around your applications.


Tire with Rope


Propeller


55 Gallon Barrel

SPECIFICATIONS:

Dimensions	26 x 16 x 14 cm
Weight in Air	5.12 kg
Weight in Water	1.55 kg
Number of Transducer Beams	128 Beams
Beam Width	0.25^0
Field of View	30^0 x 15^0
Frame Rate	Up to 15 Frames / Second
Range Resolution	Down to 3 mm
Power Consumption	18 W Typical
Cable Length	Up to 150 m
Provided Power Supply:	
Input	100 - 240 Vac
Output	48 Vdc
Maximum Power	70 W

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