

# ARIS VOYAGER 3000

*SEE WHAT OTHERS CAN'T*

## APPLICATIONS:

- ◆ Deep Sea Exploration
- ◆ Environmental Monitoring
- ◆ Oceanographic Research
- ◆ Mineral Exploration
- ◆ Underwater Inspection
- ◆ Oil and Gas

## DETECTION FREQUENCY:

**1.8 MHz**  
15 m Range

## IDENTIFICATION FREQUENCY:

**3.0 MHz**  
5 m Range

## DEPTH RATING:

**4000 m**



## EXPLORING NEW DEPTHS WITH ARIS

Discover what lies beneath with the latest innovation of DIDSON technology: the ARIS Voyager 3000. Pressure rated to 4000 meters, the Voyager is encased in a corrosion resistant, titanium shell, which is suitable for deep sea exploration. With 128 distinct physical beams operating up to 3.0 MHz, the ARIS Voyager 3000 can provide higher resolution than any other imaging sonar in its class with unprecedented image clarity, even in zero visibility waters of the Bathyal Zone. The Voyager offers a dual frequency and dynamic focus with multiple recording and output options, as well as filters, which include background subtraction. The ARIS Voyager opens up exciting new possibilities of underwater discovery. For more information, visit: [www.soundmetrics.com](http://www.soundmetrics.com)



**DIDSON Technology**

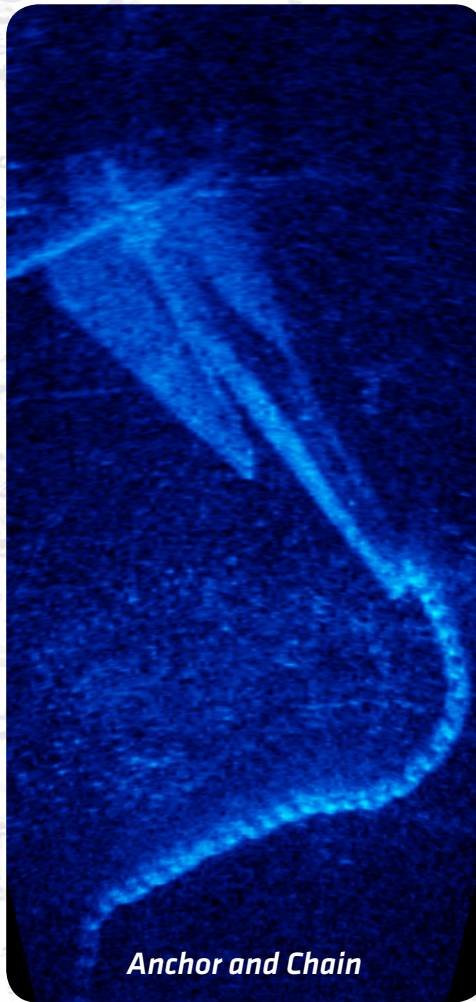
# ARIS VOYAGER 3000

## FEATURES:

- ◆ Dual Frequency Operation:  
3.0 MHz & 1.8 MHz
- ◆ High-Definition Imagery
- ◆ Robust Titanium Housing
- ◆ Close Range Imaging
- ◆ Dynamic Focus
- ◆ 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 has 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 has set a new standard for imaging at extremely close ranges in all types of water.

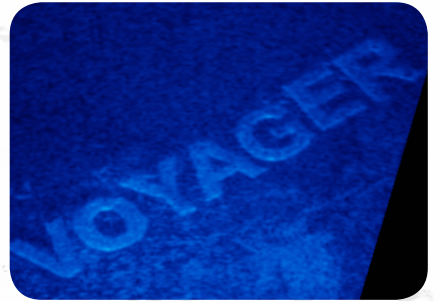
Sound Metrics strives to offer the most advanced technology along with the foremost support and highly innovative solutions around your applications.



*Anchor and Chain*



*Rotator Wheels with Chain*



*Chain on Small Rotator Wheel*

## SPECIFICATIONS:

<b>Dimensions</b>	30 x 22 x 17 cm
<b>Weight in Air</b>	12.2 kg
<b>Weight in Water</b>	9.7 kg
<b>Number of Transducer Beams</b>	128 Beams
<b>Beam Width</b>	0.25°
<b>Field of View</b>	30° h x 15° v
<b>Frame Rate</b>	Up to 15 Frames / Second
<b>Range Resolution</b>	Down to 3 mm
<b>Power Consumption</b>	20 W Typical
<b>Cable Length</b>	Up to 150 m
<b>Required Power:</b>	48 Vdc (70 W Max)



## SOUND METRICS

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SoundMetrics



@SoundMetrics



Sound Metrics



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