

Headwall is the proud recipient of:



## Rotary Stages for Hyperspec® Sensors



### FEATURES

- Compatible with Nano-Hyperspec®, Micro-Hyperspec® and Co-Aligned VNIR-SWIR imaging sensors
- 360° rotation
- Kits include precision rotation stage, tripod, battery pack, white reference, and field-operations software
- 1 day of training (online or at Headwall) included
- 1 year hardware & software warranty
- 1 year technical support and software maintenance

# ROTARY STAGES FOR HYPERSPEC INSPECTOR

## The Headwall Advantage

Hyperspectral imaging is a powerful technology for remote sensing missions. It is commonly used aboard UAVs and satellites to monitor features on the ground. But these same imaging sensors can be used on the ground, attached to precise rotation stages. In this configuration, Headwall's line-scanning sensor collects hyperspectral data by panning across the scene. Our rotation kits include a tripod, motorized rotation stage with battery, white reference, and software. Also available is Headwall's compact Hyperspec® Data Processing Unit (cHDPU) that stores and processes collected images.



The cHDPU is a powerful computer with 1TB of storage and an array of connection ports. The cHDPU or a suitable laptop will be necessary when using the rotation kit with any Micro-Hyperspec sensor.

Sensor	Nano-Hyperspec®	Micro-Hyperspec®	Co-Aligned VNIR+SWIR
Spectral Range	<ul style="list-style-type: none"> <li>• VNIR (400-1000nm)</li> </ul>	<ul style="list-style-type: none"> <li>• VNIR (400-1000nm)</li> <li>• NIR (900-1700nm)</li> <li>• Extended VNIR (550-1700nm)</li> <li>• SWIR (900-2500nm)</li> </ul>	<ul style="list-style-type: none"> <li>• VNIR + SWIR (400-2500nm)</li> </ul>
Stage Rotation	360°	360°	360°
Power	Battery included	Battery included	Battery included
Tripod Height Range	51cm to 170cm	51cm to 170cm	51cm to 170cm
Computer Interface	Gig-E	varies by sensor model	Gig-E
Data Storage	480GB on sensor	cHDPU (1TB)	480GB x 2 on sensor
Kit part number	1005A-31212	1007A-10409	1007A-10412

NOTE: Rotation Kits do not include hyperspectral sensor or lens, which must be purchased separately.

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