





Don't Forget to Accessorize!



The AMS 2140 Machinery Health™ Analyzer comes equipped with the technology and embedded intelligence that will help you increase reliability in your facility. But it takes the right accessories to unlock the untapped potential of your investment.

Featured Accessories	Part #	Description
	A40ADPTR	Simultaneously collect four-channel acceleration data for rolling element bearings analysis, or four-channel volts data for sleeve bearings analysis from a single input adapter by simply turning it over and using the appropriate side. Both simultaneous 4-channel analysis techniques can also be with phase signals on the 5th input to allow for the most comprehensive analysis possible.
	A2140CASE	High-quality, lightweight, lockable, waterproof, dustproof, and impact resistant Pelican case for protecting and transporting your analyzer and standard accessories from site to site.
	MHM-65139-PBF	Make the most of your windshield time - the AMS 2140 car charger plugs into your car's 12Volt DC adapter and allows you to charge the AMS 2140 battery safely while traveling from site to site.
	A40EXCHRG	Having a spare battery is never a bad thing! Use the external battery charger to charge a spare battery (included) while you are using the AMS 2140 in the field. Swap the battery in the AMS 2140 with the fully charged spare battery on the charger when you need extra run time.
	A40SENHOLDR	No more need to hold the accelerometers in your hand or stuff them in your pocket when collecting your route vibration data with this handy strap mounted dual accelerometer holder. Just thread the AMS 2140 shoulder strap through the accelerometer holder and then attach up to two magnet mounted accerometers to it for easy and convenient carrying to the next measurement location.
	A40SVMNT	This removable mounting device for the AMS 2140 makes it easy to take the Model 430 SpeedVue laser speed sensor along on route collection, putting precise speed detection at your fingertips! Simple push button attachment to the strap mount holes on either side of the AMS 2140. Convenient 360 degree articulating centerpiece allows you to aim through guards, grates, or other tight spots to get to the machine shaft.
	A21401CHACC	AMS 2140 Single-Channel Accessories Package contains: <ul style="list-style-type: none"> - 1 each A0760GP accelerometer - 1 each D25482 coiled M12 to 2-pin Mil accel cable - 1 each A090835 2-pole magnet

Don't Forget to Accessorize!

Packages	Part #	Description
	A2140Q1CHACC	Safety-Rated AMS 2140 Single-Channel Accessories Package contains: <ul style="list-style-type: none"> - 1 each A0761GP-EX accelerometer - 1 each D25482 coiled M12 to 2-pin Mil accel cable - 1 each A090835 2-pole magnet
	A21402CHACC	AMS 2140 Dual-Channel Accessories Package contains: <ul style="list-style-type: none"> - 1 each D25482 coiled M12 to 2-pin Mil accel cable - 1 each D25480 straight M12 to 2-pin Mil cable for accelerometer A - 1 each D25481 straight M12 to 2-pin Mil cable for accelerometer B - 2 each A0760GP accelerometer - 2 each A090835 2-pole magnet
	A2140Q2CHACC	Safety-Rated AMS 2140 Dual-Channel Accessories Package contains: <ul style="list-style-type: none"> - 1 each D25482 M12 to 2-pin Mil accel coiled cable - 1 each D25480 straight M12 to 2-pin Mil cable for accelerometer A - 1 each D25481 straight M12 to 2-pin Mil cable for accelerometer B - 2 each A0761GP-EX accelerometer - 2 each A090835 2-pole magnet
	A21404CHACC	AMS 2140 Four-Channel Accessories Package contains: <ul style="list-style-type: none"> - 1 each A40ADPTR four-channel adapter - 4 each A0760GP accelerometer - 4 each A090835 2-pole magnet - 1 each D25489 straight BNC to 2-pin Mil cable, red - 1 each D25490 straight BNC to 2-pin Mil cable, blue - 1 each D25491 straight BNC to 2-pin Mil cable, gray - 1 each D25492 straight BNC to 2-pin Mil cable, black - 4 each D25499 BNC to BNC straight cable - 1 each D25504 split cable for accelerometers A and B - 1 each D25505 split cable for accelerometers C and D
	A2140Q4CHACC	Safety-Rated AMS 2140 Four-Channel Accessories Package contains: <ul style="list-style-type: none"> - 4 each A0761GP-EX accelerometer - 4 each A090835 2-pole magnet - 1 each D25489 straight BNC to 2-pin Mil cable, red - 1 each D25490 straight BNC to 2-pin Mil cable, blue - 1 each D25491 straight BNC to 2-pin Mil cable, gray - 1 each D25492 straight BNC to 2-pin Mil cable, black - 4 each D25499 BNC to BNC straight cable - 1 each D25504 split cable for accelerometers A and B - 1 each D25505 split cable for accelerometers C and D
	A0430L4	Model 430 Laser Speed Sensor with AMS 2140 compatible M12-to-Lemo cable (D25473) in hardshell carrying case. Package includes one-year warranty, user documentation, and CE declaration of conformity.
	A0404B40	Model 404 infrared phototach with AMS 2140 compatible M12-to-Amphenol cable. Can be used for getting speed and phase via TTL pulse for balancing or cross channel phase analysis.

Don't Forget to Accessorize!

Packages	Part #	Description
	A0404P40	Model 404 Phototach with external power supply for use outdoors or for longer distances from the AMS 2140. Comes with AMS 2140 compatible M12-to-BNC tach cable in hardshell carrying case. Package includes: <ul style="list-style-type: none"> - 1 each D25472 straight cable, 4' - 1 each B404-BASE adjustable magnetic base - 1 each B40405 powering cable - 1 each A403 roll of reflective tape
	A0555-40	AMS 555 Vibration Strobe and AMS 2140 compatible interface cable. Strobelights are very useful for inspecting the shafts, belts, couplings, and other rotating parts of the machines by visually "stopping" them by flashing at the same rate as their running speed. The AMS 555 vibration strobe has the ability to lock on the running speed as detected from the vibration signal received from the accelerometer signal for easier machine speed tracking.
Individual Cables		
Part #	Description	
D25504	Accel A and B M12 to BNC splitter cable	
D25505	Accel C and D M12 to BNC splitter cable	
D25506	Volts A and B M12 to BNC splitter cable	
D25526	Accelerometer cable for channel-D, 5-pin male M12 to 2-pin Mil-DTL-5015 plug connector. Used for reference accelerometer on channel-D in conjunction with Triax sensor on channels ABC for easy 4-channel ODS modal data collection.	
D25525	Accelerometer cable for channel-D, 5-pin male M12 to BNC connector. Used with impact hammer on channel D in conjunction with triax sensor on channels ABC for easy impact testing and cross channel phase measurements.	
D25495	Cable, straight, accel, 5-pin male M12 connector to 3-socket female half breakaway connector, 15in.	
D25480	Cable, straight, accel, 5-pin male M12 connector to 2-socket female MIL-DTL-5015 plug connector (Accel A), 5ft.	
D25481	Cable, straight, accel, 5-pin male M12 connector to 2-socket female MIL-DTL-5015 plug connector (Accel B), 5ft.	
D25688	AMS 2140 3-way splitter cable, 8-pin M12 to BNC 0.2M red, blue and tach	
D25777	Cable, straight, A0643TX triax accel, 5-pin male M12 connector to 5-pin female connector 6ft.	
D25483	Cable, straight, accel, 5-pin male M12 connector to male center contact BNC plug connector (Accel A), 2m.	
D25484	Cable, straight, accel, 5-pin male M12 connector to male center contact BNC plug connector (Accel B), 2m.	
D25482	Cable, coiled, accel, 5-pin Male M12 connector to 2-socket female MIL-DTL-5015 plug connector, 6ft.	
D25473	Cable, straight, 8-pin male M12 connector to 4-pin male Lemo connector (21" SpeedVue)	
D25474	Cable, straight, 8-pin male M12 connector to 4-pin male Lemo connector (42" SpeedVue)	
D25475	Cable, straight, 8-pin male M12 connector to 4-pin male Lemo connector (6ft. SpeedVue)	
D25479	Cable, straight, volts, 8-pin male M12 connector to male center contact BNC plug connector (Volts A), 4ft.	
D25472	Cable, straight, volts/tach, 8-pin male M12 connector to male center contact BNC plug connector (Tach), 4ft.	
D25476	Cable, straight, volts/tach, 8-pin male M12 connector to 4-pin AMP connector (Tach), 2m.	
D25494	Cable, coiled, accel, 3-pin male half breakaway plug connector to 2-socket female MIL-DTL-5015 plug connector, 6ft.	
D25489	Cable, straight, accel, red, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 4ft.	
D25490	Cable, straight, accel, blue, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 4ft.	
D25491	Cable, straight, accel, grey, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 4ft.	

Don't Forget to Accessorize!

Individual Cables	
Part #	Description
D25492	Cable, straight, accel, black, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 4ft.
D25485	Cable, straight, accel, red, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 9ft.
D25486	Cable, straight, accel, blue, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 9ft.
D25487	Cable, straight, accel, grey, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 9ft.
D25488	Cable, straight, accel, black, male center contact BNC plug connector to 2-socket female MIL-DTL-5015 plug connector 9ft.
D25499	Cable, straight, male center contact BNC plug connector to male center contact BNC plug connector, extension cable, 4ft.
D25500	Cable, straight, male center contact BNC plug connector to male center contact BNC plug connector, extension cable, 9ft.
MHM-65003-PBF	Cable, straight, accel, 5-pin straight female M12 connector to 5-pin straight male M12 connector, 4-ch input adapter to AMS 2140 (0.2m.)
MHM-65004-PBF	Cable, straight, accel, 5-pin straight female M12 connector to 5-pin straight male M12 connector, extension cable, 2m.
MHM-65006-PBF	Cable straight, volts, 8-pin straight female M12 connector to 8-pin straight male M12 connector, 4-ch input adapter to AMS 2140 (0.2m.)
MHM-65007-PBF	Cable, straight, volts/tach, 8-pin male M12 connector to 8-pin straight female M12 connector, extension cable, 2m.
D25535	Cable, straight, CSI 555 Vibration Strobe to AMS 2140, 8-Pin male M12 to 1/8" mono plug, 5-pin male M12 to 1/8" stereo plug, 6ft.
MHM-65141-PBF	AMS 2140 micro-USB communications cable

How to Order

To receive a quote on these and other accessory items, send an email to MHM.Accessory@Emerson.com.

©2021, Emerson. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Electric Co. The AMS logo is a mark of one of the Emerson family of companies. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while diligent efforts were made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice.

Contact Us

www.emerson.com/contactus