

e•STROKE[®]

Brake Monitoring System

ARE YOU READY FOR UNEXPECTED BUS STOPS?



e•DT[™]

Our newest addition to the e•STROKE[®] family - a hand-held diagnostic tool to enhance your system



e•S3[™] - THE NEXT GENERATION

- Instant Electronic Brake Stroke Status Check
- Promotes Responsive Preventive Maintenance Which Elevates Bus Safety Levels
- Helps Reduce Bus Fleet Operating Costs
- Wheel-Specific Real-Time Monitoring Capability
- Diagnostic Tool—Pinpoint Brake Problems Early
- Easy-to-Read e•DT[™] Display
- Lining Wear Capabilities



MGM BRAKES
A Division of Indian Head Industries, Inc.

www.mgmbrakes.com

A Leader in Truck & Bus Safety - Worldwide

e•S3™ - THE NEXT GENERATION

The MGM Brakes e•STROKE® system provides a quick, accurate brake stroke status reading for any air-braked transit bus or motorcoach with exposed push-rod spring brake chambers.



Stroke sensing components are factory installed as an integral part of MGM Brakes service chambers and spring brakes, helping to keep them from the elements and out of harm's way. This unique, patented design eliminates the accuracy, reliability and durability issues inherent with an externally-mounted sensor system.

Get Serious About Saving Money.

Good preventive maintenance can significantly lower parts and labor costs. The e•STROKE® e•S3™ system is an excellent diagnostic tool to find and remedy brake problems before they become serious and costly. Keeping transit bus and motorcoach braking systems in optimal condition and adjustment obviously reduces the risk of brake-related problems and accidents. The e•STROKE® e•S3™ system can help bus fleet operators save money!

e•DT™ - State-of-the-Art Diagnostic Capabilities.

The newest addition to the e•STROKE® system, a diagnostic tool/dash display for buses which displays faults stored in the ccm via J-1708/J-1939, such as:

- non-functioning brakes
- over stroke
- dragging brake
- brake lining wear warning.



Durable Cable & Connectors.

The finest heavy-gauge wiring and waterproof connectors ensure reliable operation. Metri-Pack Sealed, IP66 rated

Dash Warning Lamp.

e•STROKE® system warning lamp, recommended for all installations, provides a highly visible visual indicator a fault has been detected.

Chassis Communication Module (CCM).

The e•S3™ CCM firmware can be updated via the internal J-1939 or RS-232 interface. The CCM can also be configured for a range of two to eight wheel ends (truck, tractor, bus) and is RS-232, J-1708, and J-1939 compliant.

Get Serious About Safety.

The e•STROKE® - e•S3™ system's ease-of-use promotes operational safety - always a concern when transporting passengers. Bus drivers can conduct brake stroke status checks *before* getting on the road. Since the warning lamp is mounted inside the bus, 'real time' monitoring is possible - providing constant feedback as the bus is driven and the brakes are applied. With e•STROKE®, knowing the brake stroke status of transit bus and motorcoach braking systems is seriously simple.

Anytime. Anywhere. Any Weather.

e•STROKE®
Brake Monitoring System

*U.S. Patent Nos. 5,450,930 and 5,825,287 and other U.S. and Foreign Patents Pending



A Division of Indian Head Industries, Inc.

8530 Cliff Cameron Drive • Charlotte, NC 28269 USA
(704) 547-7411 • (800) 527-1534 • fax: (704) 547-9367
website: www.mgmbrakes.com
e-mail: mail@mgmbrakes.com

SPECIFICATIONS

Chassis Communications Module (CCM)	Operating Temp.: -40°F to +176°F
Dimensions: 7.39" W x 4.32" H x 1.43" D	Sensor/Cable Assembly—
Weight: 11.5 oz.	Power: 5 VDC supplied by CCM
Power: 9.5V DC to 30V DC Ignition Switched	Sensor Cable Lengths: 8' to 60'
Cable Connectors: Metri-Pack Sealed 150 & 280 Series, IP66 rated	SAE J1128 and J2202 requirements
	Cable Connectors: Metri-Pack Sealed 150 Series, IP66 rated
	Operating Temp.: -40°F to +176°F

Specifications Subject to Change