



## VALVE MOTION MEASUREMENT SYSTEMS MODELS

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**1. LASER VALVE MOTION SERIES**

Valve motion measurement systems for testing of internal combustion engines.

SERIES	PRODUCT CODE	PRODUCT DESCRIPTION
<p><b>LASER VALVE MOTION SERIES</b></p> <p>Common features:</p> <ul style="list-style-type: none"> <li>- Expandable</li> <li>- Real-time, zero-delay displacement-velocity-acceleration outputs</li> <li>- Laser triangulation sensors with high-power (&gt;50mW)</li> <li>- Signal subtraction (triangulation sensor - laser vibrometer) for canceling the common-mode engine head vibrations.</li> </ul> 	LVM-1000-T1-V0	<p>The LVM-1000-T1-V0 laser system includes:</p> <ul style="list-style-type: none"> <li>- <b>ONE LT-5020 (or LT-10030)</b> laser displacement sensor (displacement, velocity, acceleration)</li> <li>- Laser safety class _____ 3B (protection goggles included)</li> </ul>
	LVM-4000-T2-V0	<p>The LVM-4000-T2-V0 laser system includes:</p> <ul style="list-style-type: none"> <li>- <b>TWO LT-10030</b> laser displacement sensors (displacement, velocity, acceleration)</li> <li>- Laser safety class _____ 3B (protection goggles included)</li> </ul>
	LVM-4000-T1-V1	<p>The LVM-4000-T1-V1 laser system includes:</p> <ul style="list-style-type: none"> <li>- <b>ONE LT-5020 (or LT-10030)</b> laser displacement sensor (displacement, velocity, acceleration)</li> <li>- <b>ONE Laser Doppler Vibrometer</b> channel OH-1000 (subtraction of common-mode vibration)</li> <li>- Laser safety class _____ 3B (protection goggles included)</li> </ul>
	LVM-4000-T2-V1	<p>The LVM-4000-T2-V1 laser system includes:</p> <ul style="list-style-type: none"> <li>- <b>TWO LT-5020 (or LT-10030)</b> laser displacement sensors (displacement, velocity, acceleration)</li> <li>- <b>ONE Laser Doppler Vibrometer</b> channel OH-1000 (subtraction of common-mode vibration)</li> <li>- Laser safety class _____ 3B (protection goggles included)</li> </ul>
	LVM-4000-T1-V1-UR	<p>The LVM-4000-T1-V1-UR laser system includes:</p> <ul style="list-style-type: none"> <li>- <b>ONE LT-5020 (or LT-10030)</b> laser displacement sensor (displacement, velocity, acceleration)</li> <li>- <b>ONE Laser Doppler Vibrometer</b> channel OH-1000 (subtraction of common-mode vibration)</li> <li>- Laser safety class _____ 3B (protection goggles included)</li> <li>- <b>Ultra-Resolution tool</b></li> </ul>
	LVM-4000-T2-V1-UR	<p>The LVM-4000-T2-V1-UR laser system includes:</p> <ul style="list-style-type: none"> <li>- <b>TWO LT-5020 (or LT-10030)</b> laser displacement sensors (displacement, velocity, acceleration)</li> <li>- <b>ONE Laser Doppler Vibrometer</b> channel OH-1000 (subtraction of common-mode vibration)</li> <li>- Laser safety class _____ 3B (protection goggles included)</li> <li>- <b>Ultra-Resolution tool</b></li> </ul>

## 2. NOTES

1. The pictures on this document are for illustrative purposes only
2. Each laser product is delivered packed into a rigid, foam-padded transport case
3. Please, refer to the datasheets for more detailed technical information
4. The products listed here above are referred to as **standard products**, with the features described in the technical datasheets.
5. For any **non-standard products** (i.e. with different technical features) or **customized solutions**, please ask Julight (info@julight.it).

