

Calibration of Vibration Meters

VM12, VM15, VM22, VM23, VM24 and VM25

| Item | Description |
|----------------------------------|---|
| VM12-AK VM22-AK | <p>Traceable calibration of vibration meters VM12 or VM22</p> <ul style="list-style-type: none"> • Incoming inspection of the instrument to determine the calibration capability: <ul style="list-style-type: none"> • Visual inspection • General function test • Adjustment, if the measurement deviation exceeds the specified limits and if possible (if not desired: Option -OJ) • Measurement of vibration velocity at 3 points according to DKD-R 3-1 part 3: 05/2020 (at extra charge with option: -WP, -FG and / or -EA) <p>Documentation: accredited calibration certificate according to DIN EN ISO/IEC 17025:2018 (at extra charge with option: -R1 or -R2)</p> |
| VM12-WK VM22-WK | <p>Non-traceable factory calibration of vibration meters VM12 or VM22</p> <ul style="list-style-type: none"> • Incoming inspection of the instrument to determine the calibration capability: <ul style="list-style-type: none"> • Visual inspection • General function test • Adjustment, if the measurement deviation exceeds the specified limits and if possible (if not desired: Option -OJ) • Measurement of vibration velocity at 3 points according to DKD-R 3-1 part 3: 05/2020 (at extra charge with option: -WP and / or -FG) <p>Documentation: Calibration data sheet (not traceable), factory calibration certificates are not accredited reports and are therefore not covered by EA MLA.</p> |
| VM23-AK | <p>Traceable calibration of vibration meter VM23</p> <ul style="list-style-type: none"> • Incoming inspection of the instrument to determine the calibration capability: <ul style="list-style-type: none"> • Visual inspection • General function test • Adjustment, if the measurement deviation exceeds the specified limits and if possible (if not desired: Option -OJ) • Measurement of vibration velocity at 3 points each for RMS and PEAK-PEAK mode according to DKD-R 3-1 part 3: 05/2020 (at extra charge with option: -WP, -FG and / or -EA) <p>Documentation: accredited calibration certificate according to DIN EN ISO/IEC 17025:2018 (at extra charge with option: -R1 or -R2)</p> |
| VM23-WK | <p>Non-traceable factory calibration of vibration meters VM12 or VM22</p> <ul style="list-style-type: none"> • Incoming inspection of the instrument to determine the calibration capability: <ul style="list-style-type: none"> • Visual inspection • General function test • Adjustment, if the measurement deviation exceeds the specified limits and if possible (if not desired: Option -OJ) • Measurement of vibration velocity at 3 points each for RMS and PEAK-PEAK mode (at extra charge with option: -WP and / or -FG) <p>Documentation: Calibration data sheet (not traceable), factory calibration certificates are not accredited reports and are therefore not covered by EA MLA.</p> |

| Item | Description |
|-------------------|--|
| VM15-AK | Traceable calibration of vibration meters VM15, VM24 or VM25 |
| VM24-AK | <ul style="list-style-type: none"> • Incoming inspection of the instrument to determine the calibration capability: |
| VM25-AK | <ul style="list-style-type: none"> • Visual inspection • General function test • Adjustment, if the measurement deviation exceeds the specified limits and if possible (if not desired: Option -OJ) • Measurement of vibration acceleration, velocity and displacement at 3 points each in RMS and Peak mode according to DKD-R 3-1 part 3: 05/2020 (at extra charge with option: -WP, -FG and / or -EA) <p>Documentation: accredited calibration certificate according to DIN EN ISO/IEC 17025:2018 (at extra charge with option: -R1 or -R2)</p> |
| VM15-WK | Non-traceable factory calibration of vibration meters VM15, VM24 or VM25 |
| VM24-WK | <ul style="list-style-type: none"> • Incoming inspection of the instrument to determine the calibration capability: |
| VM25-WK | <ul style="list-style-type: none"> • Visual inspection • General function test • Adjustment, if the measurement deviation exceeds the specified limits and if possible (if not desired: Option -OJ) • Measurement of vibration acceleration, velocity and displacement at 3 points each in RMS and Peak mode (at extra charge with option: -WP and / or -FG) <p>Documentation: Calibration data sheet (not traceable), factory calibration certificates are not accredited reports and are therefore not covered by EA MLA.</p> |
| Option -OJ | <p>Without Adjustment</p> <ul style="list-style-type: none"> • without adjustment of the vibration acceleration, if the measurement deviation exceeds the specified limits |
| Option -WP | Calibration at additional points |
| Option -FG | Additional calibration of frequency response for one measuring range with 11 points |
| Option -EA | <p>Documentation of the input deviation of the vibration acceleration</p> <ul style="list-style-type: none"> • For one operating point before adjustment <p>Documentation: Calibration data sheet (not traceable), factory calibration certificates are not accredited reports and are therefore not covered by EA MLA.</p> |
| Option -R1 | <p>Additional conformity check according to data sheet for accredited calibration certificate according to decision rule 1: Consideration of measurement uncertainty</p> <ul style="list-style-type: none"> • Conformity check for all measuring points <p>Documentation: accredited calibration certificate according to DIN EN ISO/IEC 17025:2018</p> |
| Option -R2 | <p>Additional conformity check according to data sheet for accredited calibration certificate according to decision rule 2: Without consideration of measurement uncertainty</p> <ul style="list-style-type: none"> • Conformity check for all measuring points <p>Documentation: accredited calibration certificate according to DIN EN ISO/IEC 17025:2018</p> |