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FOR IMMEDIATE RELEASE

VISION MACHINES DEVELOPS AUTOMATED SIEVE CERTIFICATION SYSTEM

For the first time, you can now certify your test sieves in-house, in minutes, with the ASCS Automated Sieve Certification System from Vision Machines.

Test sieves wear over time based on usage and materials being sieved. If your organization is using sieves to determine proper particle sizing, then your sieves are instruments and must be periodically calibrated or replaced. The most common methods for recertification involve tedious and error-prone manual measurement. The ASCS Optical Sieve Calibrator automates the process using machine vision measurement and statistical analysis, bringing the direct benefits of time and cost savings, and confidence in data accuracy.

The unique Sieve Certification System provides fast and accurate calibration of wire mesh sieves with full compliance to the ASTM E11 and ISO 3310 standards. ASCS is a precision optical instrument that scans and measures openings and wire diameters, supporting sieves up to 18 inches in diameter, with openings from 20 microns to 12.5 mm.

Each sieve is scanned for irregularities with state-of-the-art image analysis software, and calibration traceable to the National Institute of Standards and Technology (NIST). Results are output to an Excel spreadsheet, with full statistical analysis including descriptive statistics, pass/fail information, compliance with standards, and raw measurement data.

With motorized optics and pushbutton operation, certification of test sieves is a snap, ensuring particle sizing precision and reliability. The ASCS includes Media Cybernetics Image-Pro Plus 6.3, the market-leading image analysis software package, providing a full complement of tools for particle size and shape analysis. Now, sieve stack particle sizing by weight, can be verified and correlated with image-based particle analysis.

ASCS is the ideal solution when test sieve certification is critical for day-to-day operation. Target industries include transportation, aggregates, mining, abrasives, shot peening, food, coffee, chemical, electronics, and pharmaceutical.

For more information, visit our web site at www.vision-machines.com. Online, interactive product demonstrations are available, please call us at (781) 275-2020 or email us at info@vision-machines.com to schedule one for your organization.

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