
ISO 21501 Calibration Available on Select Met One Instruments, Inc. Particle Counters

ISO21501 is a standard that describes instruments and calibration requirements for determining particle size distribution using light scatter methods. With the increasing trend for real-time air particle monitoring in clean rooms and controlled environments, Met One Instruments, Inc. is prepared to meet the demands of our customers who require this critical calibration.

Released in May 2007, ISO 21501-4 is a particle counter calibration standard that replaced older standards such as ASTM and JIS. These previous standards outlined calibration of particle counters but lacked repeatability between units. The Pharmaceutical industry immediately adopted and embraced the new ISO 21501 standard. Other industries are slowly following their lead. While this standard is primarily a clean room standard it will likely influence other industries that rely on particle counting size and count accuracy.

From the ISO 21501 Standard:

“The purpose of ISO21501 is provide a calibration procedure and verification method for particle counters, so as to minimize the inaccuracy in the measurement result by a counter, as well as the difference in the results measured by different instruments”

The ultimate goal is a correlation of count and size between different particle counters, i.e., two different airborne particle counters calibrated to ISO 21501-4 should accurately count the same number and size of particles. With air particle counting well understood, the ability to calibrate any two counters so they produce the same results when sampling is difficult. The addition of this calibration as an option to our customers dispenses any question in the accuracy of the instruments and improves the repeatability across our line.

Currently Met One Instruments, Inc. can offer ISO 21501-4 compliance, P/N 80849 on purchase of the following units:

BT-610	Portable Bench-Top Particle Counter
BT-620	Portable Bench-Top Particle Counter
Model 804	4 Channel Handheld Particle Counter
GT-521S	2 Channel Handheld Particle Counter
GT-526S	6 Channel Handheld Particle Counter

Contact our Customer Service Department for information on 21501-4 Calibration P/N SVC0109 for counters already in your commission.



Met One Instruments, Inc.

Corporate Sales & Service: 1600 Washington Blvd., Grants Pass, OR 97526, Phone: 1(541)471-7111, FAX: 1(541)471-7116
Regional Service: 3206 Main Street, Suite 106, Rowlett, TX 75088, Phone: 1(972)412-4747, FAX: 1(972)412-4716
Website: www.metone.com Email: services@metone.com
