ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Particle Measuring Systems MiniCapt-50* at our website: ***Click HERE***

MiniCapt®

Portable Microbial Sampler

Without measurement there is no control.



The MiniCapt Portable Microbial Sampler enables collection of biocontamination samples throughout cleanrooms and clean air facilities. The slits in the BioCapt™ Impactor Head are precision cut to ensure laminar flow, thus maximizing collection efficiencies for viable particles of interest in accordance with ISO 14698-1. Biological efficiency is guaranteed by ensuring optimal impaction velocity, also giving statistical control over false positive results.

Sampling intervals are completely customizable by the user to start and stop multiple times per run so the entire process can be monitored. The fully autoclavable BioCapt Impactor Head, highly sanitizable sampler case, and HEPA filtered outlet air ensure that the MiniCapt Portable Microbial Sampler does not contaminate the cleanroom environment.

Monitoring of compressed gases or remote sampling of aseptic environments is possible with the purchase of the optional compressed gases kit or isolator kit.

BENEFITS

- Validated to ISO 14698-1: Biocontamination Control of Cleanrooms and Associated Controlled Environments
- High physical and biological collection efficiency calculated per ISO 14698-1/ Annex B
- Compliant with cGMP, GAMP®, and pharmacopeial regulatory requirements
- 100 L/min and 50 L/min flow rates ensure sample volume is collected quickly enough to avoid physical or chemical degradation of the collection medium
- Autoclavable BioCapt Impactor Head; sampler control module is easily sanitized
- Optimal slit design in BioCapt Impactor Head ensures laminar flow and that microorganisms are undamaged during sampling
- Immediate detection of false positives
- Minimal contamination from operator
- HEPA filtered outlet air does not contaminate the cleanroom or clean air devices
- Removable pin set allows for a variety of different plates to be used

APPLICATIONS

- Cleanroom biocontamination monitoring
- Compressed gases or isolator monitoring (Requires optional compressed gases kit or optional isolator kit.)
- USP 797 environmental viable airborne particle testing
- Generate baseline biocontamination data for newly constructed and commissioned installations
- Troubleshooting particle excursions

PARTICLE MEASURING SYSTEMS

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

MiniCapt®

Portable Microbial Sampler

SPECIFICATIONS

MiniCapt

	50	100
Sampling flow rate	50 Liters/minute	100 Liters/minute
Flow rate control	Electronic	
Battery	Ni-Mh 12 V 8 A; 6 hours continuous operation, 7 hours charge time	
Power supply	Input: 100 – 240 VAC, 50/60 Hz, 1.5 A	
Memory	50 Samples	
Sampling modes	Volume or Time	
Sampling interval	10 – 6,000 Liters (Volume) or 0 – 120 minutes (Time)	
Sampling delay	1 – 60 Seconds	
Communication	RS-232C	
Display and printer	2 x 24 characters; RS-232 standard	
Dimensions (h, w, d)	7.6 x 6.3 x 9.8 in (19 x 16 x 25 cm)	
Weight	10 lb (4.5 Kg)	
Operating environment	Temperature: 32 – 122 °F (0 – 50 °C); Humidity: 10 – 90% RH	
Calibration	Every 12 months	
BioCapt Impactor Head		
Materials	AISI 316L Stainless Steel	
Number of slits	20 (Precision cut slits)	
Slit depth	3 mm	
Slit thickness	0.1 ± 0.01 mm	
Consumable	90 mm plates (removable pins for various manufacturer's plates)	
Optional Compressed Gases Kit		
Pressure Range	0 – 3 bars	
Connection	Quick 6 mm (0.25") diameter	
Flowrate	50 Liters/minute	

MiniCapt® is a registered trademark of Particle Measuring Systems
BioCapt® is a trademark of Particle Measuring Systems
All other trademarks are the property of their respective owners.
Particle Measuring Systems, Inc. reserves the right to change specifications without notice.

AUTHORIZED REPRESENTATIVE

Particle Measuring Systems **EMEA**
Tel: +44 1684 581 000
pmsemea@pmeasuring.com

Particle Measuring Systems **France**
Tel: +33 160 10 32 96
pmsfrance@pmeasuring.com

Particle Measuring Systems **Germany**
Tel: +49 2222 9299 522
pmsgermany@pmeasuring.com

Particle Measuring Systems **Italia**
Tel: +39 06 9053 0130
pmssrl@pmeasuring.com

Particle Measuring Systems **Nordic**
Tel: +45 707 028 55
pmsnordic@pmeasuring.com

Particle Measuring Systems **China**
Tel: +86 21 6113 3600
pmschina@pmeasuring.com

Particle Measuring Systems **Japan**
Tel: +81 3 5298 8175
pmsjapan@pmeasuring.com

Particle Measuring Systems **Singapore**
Tel: +65 6496 0330
pmssingapore@pmeasuring.com

Particle Measuring Systems **Brazil**
Tel: +55 11 5188 8166
pmsbrazil@pmeasuring.com

Particle Measuring Systems **Mexico**
Tel: +52 55 2271 5106
pmsmexico@pmeasuring.com

Particle Measuring Systems **Puerto Rico**
Tel: +1 787 718 9096
pmspuertorico@pmeasuring.com

Headquarters
5475 Airport Blvd, Boulder, CO 80301, USA
Tel: +1 303 443 7100, +1 800 238 1801
FAX: +1 303 449 6870

Instrument Service & Support
+1 800 557 6363

Customer Response Center
+1 877 475 3317

www.pmeasuring.com
info@pmeasuring.com

PARTICLE MEASURING SYSTEMS

© 2014 Particle Measuring Systems, Inc. All rights reserved.

02/24/14

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP