ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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

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Find the *Spectral Dynamics / Pind Testers M120* at our website: ***Click HERE***

ORDERING INFORMATION-P.I.N.D SYSTEMS

Model	Electronics	4511A	4511L	4511M	4511M6	4511L-R	4511M-R
4511-1000068	Microprocessor based Control Unit	Yes	Yes	Yes	Yes	Yes	Yes
W080-0330	Control Unit Power cable	Yes	Yes	Yes	Yes	Yes	Yes
W080-0210	Controller to Shaker Cable	Yes	Yes	Yes	Yes	Yes	Yes
W080-0610	Controller to Oscilloscope Cable	Yes	Yes	Yes	Yes	Yes	Yes
E0902160A	Monitor Oscilloscope	Option	Yes	Yes	Yes	Yes	Yes
	Shakers						
4501-M120	Normal PIND Shaker, Case optional	Yes	No	No	No	No	No
4501-M230	Heavy Duty PIND Shaker w.Case	No	Yes	Yes	Yes	No	No
4501-M230R	Wide Pulse Width PIND Shaker	No	No	No	No	Yes	Yes
	Sensors and Cables						
100-S140C/A	22mm Impact Sensor/Accelerometer	Yes	No	No	No	No	No
100-S140C/AL	50mm Impact Sensor/Accelerometer	No	Yes	No	No	Yes	No
100-4S155C4	100mmFourSensor/Accelerometer	No	No	Yes	No	No	Yes
100-5S155C6	150mmFiverSensor/Accelerometer	No	No	No	Yes	No	No
4501-500065-A	External STU Pulser Box	Yes	Yes	Yes	Yes	Yes	Yes
100-S140BM	STU Sensor	Yes	Yes	Yes	Yes	Yes	Yes
110-SCM4-W	STU Sensor Cable	Yes	Yes	Yes	Yes	Yes	Yes
110-SCM4-Y	Impact Sensor Cable	Yes	Yes	Yes	Yes	Yes	Yes
110-SCM4-B	Accelerometer Cable	Yes	Yes	Yes	Yes	Yes	Yes
	Software and Consumables						
4501-DOT1	22mm Acoustical Tape Circle	Yes	No	Yes	Yes	No	Yes
4501-DOT2	50mm Acoustical Tape Circle	No	Yes	Yes	Yes	Yes	Yes
CH02-ACWS	Acoustic Couplant Standard	Option	Yes	Yes	Yes	Yes	Yes
CH04-ACLPD	Acoustic Couplant Heavy Duty	Option	Option	Option	Option	Option	Option
4501-820259	PIND Software	Yes	No	No	No	No	No
4501-820261	PIND Software	No	Yes	Yes	Yes	No	No
4501-820255	PIND Software	No	No	No	No	Yes	Yes
LT-4511	PIND System manual	Yes	Yes	Yes	Yes	Yes	Yes

WHICH MODEL IS RIGHT FOR YOU?

Each of the six systems consists of a controller, shaker, sensor, STU subsystem, software, monitor scope, cables, consumables, and documentation:

- Our basic 4511A system, capacity up to 150 grams, has the normal shaker and a sensor with a mounting area of 22mm (0.875in.). It can always be upgraded with a monitor, larger shaker, sensor, or advanced software.
- The Model 4511L comes complete with the heavy duty shaker, a 50mm (2 in.) sensor , advanced software, and various options including the shaker shipping case and flex protector.
- Our largest Model, the 4511M has the heavy duty shaker and advanced software but sports a multiple crystal 100mm (4in.) mounting surface for the largest hybrids.
- The relay test specification given in MIL_STD 39016D requires a wider shock pulse than the requirements of MIL STD 883 or 750. Our -R series systems meet this requirement with a wide pulse width shaker and software.
- Finally, the 4511M6 is the largest system with a 150mm (6in.) sensor with five crystals for testing the largest parts to the MIL STD.

SERVICE AND PARTS REPLACEMENT

Options include Calibration kits, Shaker Dust Seals, and Sensor flex protectors. All of the system performance is controlled in software so we can tailor a system to your exact specifications including custom shock and vibration features in your system. We manufacture our own shakers and sensors so we can customize them to your requirement.



Above is a 6in by 2in five crystal sensor for testing advanced hybrids.

PREVENTIVE MAINTENANCE SAVES TIME AND MONEY

To insure that your PIND system is always performing at its peak, SPECTRAL DYNAMICS, INC. has developed a comprehensive maintenance program including complete system diagnostics, repairs, and exchanges. ALL with the accuracy provided by complete calibration and certification traceable to National Standards. Military standards require that each system – including sensors, amplifiers, thresholds and display monitors be calibrated annually. However, to minimize costs over the long haul, SD recommends that you start your calibration interval at six months and then extend it to one year after you have sufficient confidence that operational procedures are correct.

After each calibration, we issue a 30-day warranty-or extended warranty if you prefer. And we offer priority two-day service or even same day when your PIND system is something that you cannot do without.

TRAINING TAILORED TO YOUR NEEDS

SPECTRAL DYNAMICS, INC. also provides a complete training program for users at all levels of experience. Our comprehensive two-day training seminars explain the intricacies of system operations, testing methods, particle behavior, calibration procedures, failure analysis, repair and maintenance procedures, and the latest military specifications.
These seminars consisting of lectures by experts and hands-on laboratory sessions are conducted in California. Or if you prefer, we will provide an on-site training program at your location tailored-made according to the specialized needs of your company.

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.

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

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