

# VOYAGER<sup>®</sup>

## FLEXIBLE PECVD PLATFORM

THE VOYAGER<sup>®</sup> MEETS THE PROCESS REQUIREMENTS FOR CONFORMAL COATINGS, **LOW TEMPERATURE PROCESSING**, AND HIGH INTRINSIC UNIFORMITY IN ONE CONVENIENT SYSTEM.

R & D

- ✓ BATCH PRODUCTION
- IN-LINE PRODUCTION

EVAPORATION

- ✓ SPUTTERING
- ✓ PECVD

MADE IN THE U.S.A. SINCE 1964

# VOYAGER

## THE DENTON DIFFERENCE YOUR PROCESS IS OUR PROCESS

We collaborate with you to design a system that solves your exact thin film coating process needs. When we ship you a tool, it's production ready.

- Our systems scale to meet your production requirements
- We believe in customers for life
- Worldwide support network



### AT DENTON WE CARE ABOUT YOUR SUCCESS

- FACTORY ACCEPTANCE TESTS
- PERSONALIZED TRAINING
- REMOTE, REAL-TIME SUPPORT
- CE/UL/CSA COMPLIANT SYSTEMS

MADE IN THE U.S.A. SINCE 1964

[www.dentonvacuum.com](http://www.dentonvacuum.com)

# VOYAGER

UNLIMITED SOURCE OF DEPOSITION MATERIALS.

## POWERFUL CONTROL SYSTEM

AVAILABLE IN SEMI-MANUAL MODE OR IN FULLY AUTOMATIC MODE WITH ONE PUSH AUTOMATION TO REDUCE SYSTEM DOWNTIME.

### PROCESSPRO UPGRADE OFFERS:

1. **CONSISTENT CONTROLS** ACROSS ALL DENTON VACUUM PRODUCTS.
2. **STANDARD SOFTWARE** MAKES IT EASY TO SUPPORT AND AVOID COSTLY CUSTOMIZATION FEES.
3. **SOURCE CODE** FOR YOUR PROGRAMS SO YOU CAN CUSTOMIZE YOUR PROGRAMS.
4. **NETWORK CAPABILITIES** MAKES THE VOYAGER A NODE ON YOUR NETWORK ENABLING REAL-TIME, REMOTE SUPPORT AND UPGRADES.



## CONVENIENT ACCESS TO SUBSYSTEMS

REAR OR BOTTOM MOUNTED PUMPS PROVIDE EASY ACCESS FOR SERVICE BASED ON YOUR WORKSPACE NEEDS.

## MULTIPLE PUMPING CONFIGURATIONS

A VARIETY OF DIFFUSION, CRYOGENIC, AND TURBO PUMP CONFIGURATIONS ARE AVAILABLE TO FIT YOUR BUDGET AND PROCESS. REAR OR BOTTOM FITTED PUMPS PROVIDE EASY ACCESS FOR SERVICE BASED ON YOUR WORKSPACE NEEDS.

# TYPICAL APPLICATIONS

## PECVD

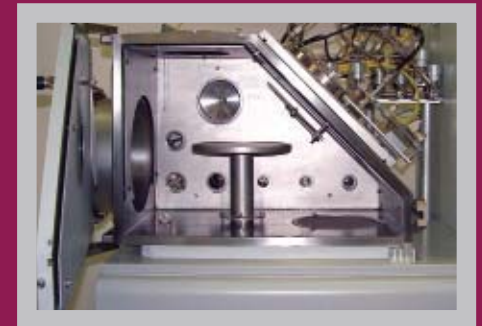
- Materials Research
- Small Batch Systems
- 3D Objects
- Coat a Variety of Materials

## SPUTTERING

- Process Development
- Hard Coatings
- Amorphous Si
- Optical Interference Coatings
- Semiconductor & MEMs Interlayer Dielectric Passivation Layers

## COMMON DEPOSITION MATERIALS

- TiN
- SiO<sub>2</sub>
- SiN
- TiO<sub>2</sub>
- DLC



# VOYAGER

## OPTIONS

	SPUTTERING	PECVD
TURBO PUMP	X	X
RF BASED, WATER COOLED, SUBSTRATE STAGE	X	X
DISTRIBUTED GAS	X	X
CAPACITANCE MONOMETER	X	X
LOAD LOCK	X	X
SPUTTER CATHODE AND POWER SUPPLIES	X	X
ION SOURCE AND POWER SUPPLIES	X	X
ALTERNATIVE GAS DELIVERY: VAPOR SOURCE	X	X
ELECTRON BEAM GUN		

PUMP OPTIONS		
DIFFUSION	X	X
CRYOGENIC	X	X
TURBO	X	X
OIL FREE	X	X
DRY-SCROLL	X	X

specifications subject to change without notice



TOLL FREE:800-666-6004 • PHONE:856-439-9100

EMAIL: [info@dentonvacuum.com](mailto:info@dentonvacuum.com)

[www.dentonvacuum.com](http://www.dentonvacuum.com)

SUPPORT EMAIL: [support@dentonvacuum.com](mailto:support@dentonvacuum.com)

PARTS AND SUPPLIES: [store.dentonvacuum.com](http://store.dentonvacuum.com)