



INTEGRITY[®]

PRECISION OPTICS COATING PLATFORM.

THE INTEGRITY[®] IS A FULLY AUTOMATED, CLEAN-ROOM COMPATIBLE SYSTEM THAT IS OPTIMIZED FOR OPTICAL COATING APPLICATIONS. IT CAN BE USED FOR ELECTRON BEAM EVAPORATION, RESISTANCE EVAPORATION, AND ION ASSISTED DEPOSITION.

R & D
BATCH PRODUCTION
✓ IN-LINE PRODUCTION

✓ EVAPORATION
SPUTTERING
PECVD

MADE IN THE U.S.A. SINCE 1964

INTEGRITY

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



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www.dentonvacuum.com

INTEGRITY

STANDARD OR CUSTOM CONFIGURATIONS

ENABLE YOU TO SELECT A CONFIGURATION THAT MEETS YOUR BUDGET AND PROCESS REQUIREMENTS.

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 INTEGRITY A NODE ON YOUR NETWORK ENABLING REAL-TIME, REMOTE SUPPORT AND UPGRADES.



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.

FLEXIBLE CHAMBER SIZE

ACCOMMODATES CUSTOM SUBSTRATES.

TYPICAL APPLICATIONS

EVAPORATION

- UV-VIS-IR Coatings
- Low Moisture Shift Dielectrics
- Protective Topcoats
- Ion Assisted Processes
- Hi/Lo Pass Filters
- Hot/Cold Mirrors
- Narrow Band Pass Filters
- Color Correcting Mirrors
- Anti-Reflection Coatings



INTEGRITY

OPTIONS

	EVAPORATION
SINGLE ROTATION	X
PLANETARY	X
FLIP-OVER	X
PUMP OPTIONS	
DIFFUSION	X
CRYOGENIC	X
TURBO	X
OIL FREE MECHANICAL	X
DRY-SCROLL MECHANICAL	X

specifications subject to change without notice



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

EMAIL: info@dentonvacuum.com

www.dentonvacuum.com

SUPPORT EMAIL: support@dentonvacuum.com

PARTS AND SUPPLIES: store.dentonvacuum.com