

# DESKTOP PRO<sup>®</sup>

COMPACT, HIGH PERFORMANCE  
SPUTTERING PLATFORM.

THE DESKTOP PRO PROVIDES HIGH PERFORMANCE  
SPUTTERING IN A COMPACT AND ECONOMICAL SYSTEM.

- ✓ SAMPLE PREP
- ✓ R & D
- ✓ BATCH PRODUCTION
- IN-LINE PRODUCTION

- EVAPORATION
- ✓ SPUTTERING
- PECVD

MADE IN THE U.S.A. SINCE 1964

# DESKTOP PRO

## 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

- PROFESSIONAL INSTALLATION AVAILABLE
- PERSONALIZED TRAINING AVAILABLE
- REAL-TIME SUPPORT
- CE/UL/CSA COMPLIANT SYSTEMS

MADE IN THE U.S.A. SINCE 1964

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

# DESKTOP PRO

## SAVE SPACE

THE DESKTOP PRO REQUIRES LESS THAN 36" OF COUNTERTOP SPACE.

## COST EFFICIENT OPERATION

POWER TWO CATHODES FROM A SINGLE POWER SUPPLY.

## UNIFORM FILM THICKNESS

INCLINED MAGNETRONS AND A ROTATING SUBSTRATE STAGE YIELD A UNIFORM FILM THICKNESS THAT'S WITHIN 5% OVER THE ENTIRE STAGE.

## SHORT PUMP DOWN CYCLES

THE COMPOUND TURBO MOLECULAR PUMP OPERATES AT A RATE OF 65 LITERS/SECOND TO ACHIEVE EXCELLENT BASE VACUUM LEVELS AND GAS LOAD HANDLING.

## POWERFUL CONTROL SYSTEM

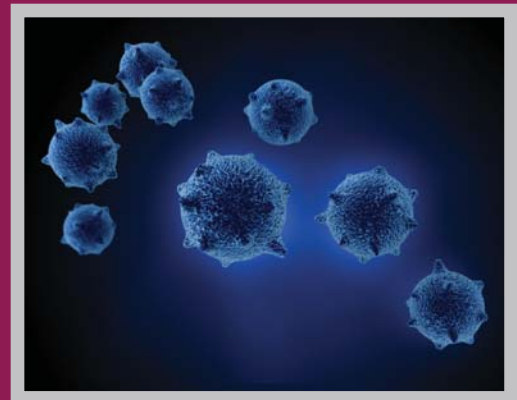
THE TOUCH SCREEN INTERFACE TO THE PLC PROVIDES FULL CONTROL FOR THE FOLLOWING MODES: SERVICE, MANUAL, AND SEMI-AUTOMATIC. STANDARD SOFTWARE MAKES IT EASY TO SUPPORT AND AVOID COSTLY CUSTOMIZATION FEES.

SAFETY INTERLOCKS MITIGATE DAMAGE TO THE OPERATOR AND THE EQUIPMENT.

## TYPICAL APPLICATIONS

### SPUTTERING

- Sputtering
- Materials Research
- Product QC & QA
- Semiconductor failure analysis
- Nanotechnology
- Compound semiconductors



# DESKTOP PRO

## OPTIONS

	SPUTTERING
LN <sub>2</sub> MEISNER TRAP	X
CO-SPUTTERING	X
RF / DC POWER SUPPLIES	X
MULTIPLE CATHODES	X
MASS FLOW CONTROLLERS FOR PRECISE GAS METERING	X
PUMP OPTIONS	
OIL FREE MECHANICAL	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)