



FOCUS ON PRECISION

FOCUS ON INNOVATION

FOCUS ON QUALITY



FOCUS ON **CRYOSTAR**

## CRYOSTAR

THE D.O.R.C. CRYOSTAR IS THE SMART CRYOSURGICAL SYSTEM THAT COMBINES OPTIMAL PERFORMANCE WITH STATE-OF-THE-ART AUTOMATION. SIMPLE FOR O.R. STAFF TO OPERATE AND MAINTAIN THROUGHOUT EVERY PROCEDURE.

- MICROPROCESSOR AUTOMATED SET-UP AND OPERATION
- ELECTRONICALLY CONTROLLED FOR QUICK REPEATED FREEZE / DEFROST CYCLES
- AUTOMATIC PURGE ENSURES INTERNAL CLEARING OF RESIDUAL MOISTURE
- NITREOUS OXIDE (N<sub>2</sub>O) OR CARBON DIOXIDE (CO<sub>2</sub>) DRIVEN
- EXTERNAL FILTER ASSURES CONSISTENT PERFORMANCE AND RELIABILITY



### CONSOLE FEATURES



**ON-SCREEN ICONS KEEP STAFF INFORMED AT EVERY STEP OF CRYO FUNCTION**

- NO GUESSWORK INVOLVED!



**PROBE SOCKET**

- QUICK-FIT CONNECTION
- ADAPTOR AVAILABLE TO FIT ORIGINAL D.O.R.C. CRYO PROBES



**SYSTEM STATUS ICONS**

- GREEN LIGHT INDICATES 'READY' TO FREEZE
- AMBER LIGHT INDICATES 'BUSY' WHEN SYSTEM IS PERFORMING INTERNAL FUNCTION
- ACOUSTIC SIGNAL



**GAS PRESSURE INDICATOR (GAS TANK ICON)**

- IMMEDIATE STATUS CHECK FOR GAS PRESSURE FUNCTION
- GREEN LIGHT: GAS PRESSURE FUNCTIONING OPTIMALLY
- YELLOW LIGHT: GAS PRESSURE TOO LOW
- RED LIGHT: GAS PRESSURE TOO HIGH



**TIME DISPLAY**

- SHOWS TIME ELAPSED AS FOOTSWITCH IS PRESSED
- SHOWS CUMULATIVE FREEZE TIME FOR CURRENT PROBE



**TIP FREEZING INDICATOR (PROBE ICON)**

- MONITORS PROBE FUNCTION; 'SNOWFLAKE' ILLUMINATES WHEN PROBE IS FREEZING OPTIMALLY

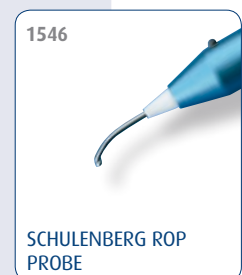
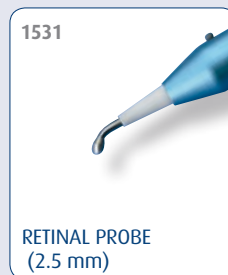
## CRYO PROBE FEATURES

- AUTOCLAVE CAP CHAINED TO PROBE CONNECTOR
- STERILIZABLE VIA FLASH/STEAM, GAS OR STERRAD
- SELECTED PROBE STYLES CONTAIN AN INTERNAL THERMOCOUPLE WHICH FACILITATES TIP TEMPERATURE MONITORING
- ORIENTATION INDICATOR ON CURVED PROBE STYLES ENSURES PROPER TIP PLACEMENT EVERY TIME



## CRYO PROBES

A WIDE VARIETY OF CRYO PROBE STYLES MAXIMIZE TREATMENT OPTIONS FOR SCLERAL BUCKLING AND TREATING RETINAL TEARS AND DETACHMENTS.



## GAS PURIFIERS

D.O.R.C. RECOMMENDS THE USE OF A GAS PURIFIER TO FILTER OUT PARTICLES LARGER THAN 5 MICRONS WHICH MAY OCCUR INTERNALLY FROM THE GAS CYLINDER. THIS PRECAUTION WILL HELP MAINTAIN CRYO PROBE LONGEVITY AND ASSURE CONSISTENT CRYO PROBE FUNCTION.

## GAS PURIFIER ASSEMBLIES

**1500-CA GAS PURIFIER HOLDER**  
WITH ADAPTER FOR N<sub>2</sub>O CYLINDER (MEDICAL POST FITTING)

**1500-CE GAS PURIFIER HOLDER**  
WITH ADAPTER FOR CO<sub>2</sub> CYLINDER (MEDICAL POST FITTING)

**1500-CF GAS PURIFIER HOLDER**  
WITH ADAPTER FOR N<sub>2</sub>O CYLINDER (THREADED CGA FITTING)

**1500-CG GAS PURIFIER HOLDER**  
WITH ADAPTER FOR CO<sub>2</sub> CYLINDER (THREADED CGA FITTING)

**1500-D GAS FILTER CARTRIDGES**

## GAS CYLINDER ADAPTERS

**1500-A YOKE ADAPTER**  
FOR N<sub>2</sub>O CYLINDER (MEDICAL POST FITTING)

**1500-E YOKE ADAPTER**  
FOR CO<sub>2</sub> CYLINDER (MEDICAL POST FITTING)

**1500-F THREADED CGA ADAPTER**  
FOR N<sub>2</sub>O CYLINDER (THREADED CGA FITTING)

**1500-G THREADED CGA ADAPTER**  
FOR CO<sub>2</sub> CYLINDER (THREADED CGA FITTING)

## STERILIZATION TRAY

**1500-S**  
CRYO PROBE STERILIZATION TRAY

## CRYOSTAR TROLLEYS

**1500.B1**



CRYOSTAR TROLLEY, WITH 1 CYLINDER HOLDER

**1500.B2**  
CRYOSTAR TROLLEY, WITH 2 CYLINDER HOLDERS

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