

# Ophthalmic Cryosurgery

## JS MEDICAL CY-100

Continuing to Set the Cold Standard in Your Practice

**NOW AVAILABLE THROUGH DISTRIBUTION**



The JS MEDICAL CY-100 is a completely non-electric, low-pressure, fully exhausted cryosurgical system that uses nitrous oxide gas. The system destroys tissue by applying extreme, controlled temperature down to a maximum of  $-89^{\circ}\text{C}$ .

The CY-100 consists of a control console with foot pedal, mobile equipment carrier, nitrous oxide cylinders and cryosurgical probes. Depress the foot pedal to rapidly freeze and release to defrost. The backlight display activates automatically when the foot pedal is depressed.

An automatic shut-off built into the system will stop the flow of nitrous oxide gas and will shut off the backlight and display approximately four minutes after the probe has been set aside. The system can be reactivated by simply depressing the foot pedal. A wide range of probes are available for use with the CY-100.



### Number Description

CY-100	CY-100 Control Console with Foot Pedal
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### Gas Tanks

#### Number Description

C01	"E" Cylinder, Empty
C02	20 lb. "G" Cylinder, Empty
C03	High-Pressure Hose (Synflex – black) with Fittings

### Yoke Assemblies for "E" and "G" Cylinders

#### Number Description

C04	"E" Cylinder Single-Yoke Assembly with Filter
C05	"E" Cylinder Double-Yoke Assembly with Filter
C06	"G" Cylinder Single-Yoke Assembly
C07	"G" Cylinder Single-Yoke Assembly with Filter
C08	Retrofit "E" Cylinder Yoke
C09	Retrofit "G" Cylinder
C10	"G" Cylinder Double-Yoke Assembly with Filter

### Carts and Carriers for Cylinders

#### Number Description

C11	Exhaust Tube, Front 6"
C12	Exhaust Tube, Rear 20'

### Exhaust Output

#### Number Description

C13	Office Cart for Single "G" 20 lb. Cylinder with Yoke Assembly
C14	Office Cart for Single "G" 20 lb. Cylinder with Yoke Assembly with Filter
C15	Mobile Equipment Carrier (with built-in "E" Cylinder Double-Yoke Assembly with Filter)
C16	Mobile Equipment Carrier (with built-in "G" 20 lb. Cylinder Double-Yoke Assembly with Filter)

## JS MEDICAL CY-100 Probes

### Supercool Retinal and Glaucoma Probes

No.	Description
C11	Posterior Retinal – 2.7 mm tip x 2.7 mm dia. x 38 mm shaft
C12	Curved Retinal – 2.5 mm tip x 2.5 mm dia. x 38 mm shaft
C13	Straight Retinal – 2.5 mm tip x 2.5 mm dia. x 38 mm shaft
C14	Spherical Retinal – 3.0 mm sphere x 2.1 mm dia. x 38 mm shaft
C15	Straight Glaucoma – 3.5 mm tip x 3.5 mm dia. x 38 mm shaft
C16	Curved Glaucoma – 3.5 mm tip x 3.5 mm dia. x 38 mm shaft
C17	3.2 mm Straight Retinal – 3.2 mm tip x 3.2 mm dia. x 38 mm shaft
C18	3.2 mm Curved Retinal – 3.2 mm tip x 3.2 mm dia. x 38 mm shaft

### Standard Retinal Probes

No.	Description
C19	Straight Retinal – 2.5 mm tip x 2.5 mm dia. x 38 mm shaft
C20	Curved Retinal – 2.5 mm tip x 2.5 mm dia. x 38 mm shaft
C21	Spherical Retinal – 3.0 mm sphere x 2.1 mm dia. x 28 mm shaft
C22	Hammerhead, Curved – 3.5 mm tip x 2.5 x 6.5 mm dia. x 40 mm shaft
C23	Hammerhead, Straight – 3.5 mm tip x 2.5 x 6.5 mm dia. x 40 mm shaft

### Cataract Probes

No.	Description
C24	Straight – 1.0 tip x 1.8 mm tip dia. x 27 mm shaft x 1.8 mm shaft dia.
C25	Curved – 1.0 tip x 1.8 mm tip dia. x 27 mm shaft x 1.8 mm shaft dia.
C26	Micro Straight – 1.0 mm tip dia. x 27 mm shaft x 1.0 mm shaft dia.
C27	Micro Curved – 1.0 mm tip dia. x 27 mm shaft x 1.0 mm shaft dia.

### Trichiasis Probes

No.	Description
C28	18-gauge Cone Probe – 19 mm shaft x 1.3 mm shaft dia.
C29	3 mm Multi-Lash – 19 mm shaft x 2.8 mm shaft dia. x 5 mm tip x 2.7 mm tip dia.
C30	6 mm Multi-Lash – 19 mm shaft x 2.8 mm shaft dia. x 5 mm tip x 2.7 mm tip dia.

### Pediatric Retinal Probes

No.	Description
C31	1.8 mm Retinal Curved – 1 mm tip x 2.54 mm dia. x 26 mm shaft
C32	2.08 mm Retinal Curved – 1 mm tip x 2.84 mm dia. x 27 mm shaft
C33	3 mm Disc Probe – 3 x 1.5 mm tip x 1.5 mm dia. x 35 mm shaft

### Vitreous Intraocular Probes

No.	Description
C34	20-gauge 35 mm x .89 mm diameter

### Insulating Sleeves

No.	Description
C35	For Probes 124/125/142/161/162/166/167 (Retinal) (6/Pkg)
C36	For Probes 143/144 (Hammerhead) (6/Pkg)
C37	For Probes 128/132/147 (Micro) (1/Pkg)
C38	For Probes 126/127 (Cataract) (6/Pkg)
C39	For Probes 129/163 (Retinal Spherical) (1/Pkg)
C40	For Probes 130/164/165 (Glaucoma) (6/Pkg)
C41	For Probes 120/121 (Retinal Pediatric) (1/Pkg)
C42	For Probe 122 (Retinal Spherical Pediatric) (1/Pkg)



Manufacturers & Distributors

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