

CLEARVISION® II

For intraoperative cleaning of the front lens



CLEARVISION® II system

For intraoperative cleaning of the front lens

We all know the problems we encounter during minimally invasive diagnoses and operations: splashes from irrigation, tissue residue, drill dust or blood on the front lens. But what can we do about it?

KARL STORZ offers the ideal solution to this problem: The CLEARVISION® II system cleans the front lens quickly and simply and therefore provides an unobstructed vision during all interventions.

How does the CLEARVISION® II system work?

The rinsing process is activated through actuation of the foot pedal. When the pedal is released, the pump function performs a reverse movement. This reversing creates negative pressure causing any liquid remaining in the tube or suction and irrigation sheath to be extracted.

During the design process, particular emphasis was placed on the fact that it should not be necessary to interrupt the intervention in order to clean the lens.

With help of a separate suction pump, the additional suction channel in the sheath creates supplemental suction for the cleaning procedure.

The CLEARVISION® II system enables

- complete, reliable removal of blood, secretions and tissue residue on the front lens through pulsative rinsing
- continuous rinsing (filling of cavities)
- the surgeon to work without the worry of interruptions
- shorter operating times
- increased security for the patient thanks to better visual prospects
- the use of reusable sheaths, which saves money



Special features of the CLEARVISION® II system

Improved pump function

- 3-roll pump ensures perfect transport of the rinsing fluid without pauses in the rinsing process.
- Instead of a continuous stream of fluid, strong spurts are created, which reliably remove even tough residue on the front lens.
- Improved pump design with robust steel housing.
- New tubing set design facilitates handling.



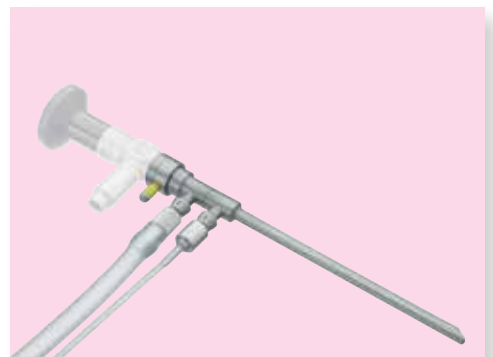
Two-step footswitch

- In the first step (pedal pressed halfway), the distal lens is cleaned using spurts of rinsing fluid as long as the pedal is pressed.
- In the second step (pedal pressed down fully), continuous rinsing is activated, which is suitable for irrigating cavities (e.g. the sphenoidal sinus) with water. The compression of vessels can be used to stem small bleeds. When the pedal is released the pump function performs a reverse movement. The duration of this movement can be set using an infinitely adjustable rotation regulator on the front of the unit.



New suction and irrigation sheaths

























- The water stream from the suction and irrigation sheath is aimed directly at the lens.
- The suction function of the sheaths removes any water residue remaining on the lens.
- Assigning the lens is made easier by the color coding of the sheaths.
- The sheaths can be fixed in place using the holding arm 28172 RKC.
- Addition of the valve 27502 brings the possibility of manual regulation of the suction function of the suction and irrigation sheath.



Irrigation sheaths

for use with the CLEARVISION® II system

Irrigation sheath, proximally reinforced for use with Holder 28172 RKC

							
Irrigation sheath, proximally reinforced for use with Holder 28172 RKC				Compatible HOPKINS® Telescope			
Detail	Order No.	Outer Dia- meter (mm)	Working Length	Order No.	View	Outer Diameter	Working Length
	7207 AS	3.5 x 4.7	7 cm	7207 AA	0°	2.7 mm	11 cm
	7207 BS	3.5 x 4.7	7 cm	7207 BA	30°	2.7 mm	11 cm
	7207 CS	3.5 x 4.7	7 cm	7207 CA	70°	2.7 mm	11 cm
	7220 AS	4.8 x 3.7	10 cm	7220 AA	0°	3 mm	14 cm
	7220 BS	4.8 x 3.7	10 cm	7220 BA	30°	3 mm	14 cm
	7220 FS	4.8 x 3.7	10 cm	7220 FA	45°	3 mm	14 cm
	7220 CS	4.8 x 3.7	10 cm	7220 CA	70°	3 mm	14 cm
	7228 AS	4.8 x 6	11 cm	7228 AA	0°	4 mm	15 cm
	7228 BS	4.8 x 6	11 cm	7228 BA	30°	4 mm	15 cm
	7228 FS	4.8 x 6	11 cm	7228 FA	45°	4 mm	15 cm
	7228 CS	4.8 x 6	11 cm	7228 CA	70°	4 mm	15 cm
	7230 AS	4.8 x 6	14 cm	7230 AA 28132 AA	0°	4 mm	18 cm
	7230 BS	4.8 x 6	14 cm	7230 BA 28132 BA	30°	4 mm	18 cm
	7230 FS	4.8 x 6	14 cm	7230 FA 28132 FA	45°	4 mm	18 cm
	7230 CS	4.8 x 6	14 cm	7230 CA 28132 CA	70°	4 mm	18 cm
	7219 AS	3.5 x 4.7	14 cm	7219 AA 7229 AA	0°	2.7 mm	18 cm
NEW 	7230 AES	4.8 x 6	14 cm	7230 AE	15° – 90°	4 mm	18 cm
	7219 BS	3.5 x 4.7	14 cm	7219 BA 7229 BA	30°	2.7 mm	18 cm
	7219 FS	3.5 x 4.7	14 cm	7219 FA 7229 FA	45°	2.7 mm	18 cm
	7219 CS	3.5 x 4.7	14 cm	7219 CA 7229 CA	70°	2.7 mm	18 cm
	28164 ASA	5	24 cm	28164 AA	0°	4 mm	30 cm
	28164 BSA	5	24 cm	28164 BA	30°	4 mm	30 cm

CLEARVISION® II system

for intraoperative cleaning of the front lens



40 3341 01 **CLEARVISION® II Set,**
lens irrigation system for endoscopes,
power supply 100-240 VAC, 50/60 Hz
including:
Mains Cord
One-Pedal Footswitch
Silicone Tubing Set, sterilizable

Notes

Notes

It is recommended to check the suitability of the product for the intended procedure prior to use.

Consent to receive electronic information



Yes, I agree to receive future information by email at the following address:

Email

Name

Department / Practice

Street address

ZIP, Town

Signature _____

I agree to my data being stored at KARL STORZ for this purpose. I can withdraw my consent at any time and without giving reasons by emailing KARL STORZ at info@karlstorz.com. KARL STORZ will not make these data available to third parties.



WWW.KARLSTORZ.COM

ENDOWORLD®

KARL STORZ GmbH & Co. KG
Mittelstraße 8, 78532 Tuttlingen, Germany
Postbox 230, 78503 Tuttlingen, Germany
Phone: +49 (0)7461 708-0
Fax: +49 (0)7461 708-105
E-Mail: info@karlstorz.com
www.karlstorz.com

KARL STORZ Endoscopy-America, Inc.
2151 East Grand Avenue
El Segundo, CA 90245-5017, USA
Phone: +1 424 218-8100
Phone toll free: 800 421-0837 (US only)
Fax: +1 424 218-8525
Fax toll free: 800 321-1304 (US only)
E-Mail: info@ksea.com