



RUCK

HOYA GROUP COMPANY

RELIABLE

Anterior & posterior chamber stability with patented Fluid Path Adaptation (FPA)
Linear Hydrodissection (LHD)
Passive Flow

EFFICIENT

Sterile, single-hand cassette system

USER FRIENDLY

Intuitive user interface with 7 preset routine surgical steps and day-night function

STATE OF THE ART
MADE IN GERMANY

FLEXIBLE

Dual-linear footswitch

Qube™ pro

The unique and innovative surgery system –
designed for the anterior and posterior eye segment

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The unique and innovative surgery system – designed for the anterior and posterior eye segment

DEVICE

- Dimensions: 320 x 450 x 380mm (w x h x d)
- Weight: 30 kg
- Power supply: 100–240 VAC; 50–60 Hz; 250 W; 4.0 A
- Compressed air supply: 400–1,000 kPa (4–10 bar); 60 l/min
- Moisture proof: IP21
- Display: 12 inch (30.5 cm) touch screen; resolution 800 x 600 pixel

TECHNICAL DATA

Phacoemulsification:

- Resonance frequency: 40 ± 2 kHz
- Phaco modes:
 - Constant
 - Pulsed
 - “Qubic Phako“
 - “Width Phako“

Irrigation/Aspiration

- Irrigation: 100 cm
- Aspiration: Venturi pump 650 mmHg (at zero level)
- Gravitative or infusion pressure control (IPC)
- Auto backflush

Diathermy

- Bipolar diathermy
- Connection power: 9 W / 50 Ω; 2 MHz

Pneumatic cutter

- 60–7,500 cuts/min (single line)
- 120–15,000 cuts/min with Bi-Blade™ cutter (single line)

Air/Fluid Exchange (AFX)

- Pressure: 5–120 mmHg

Oil infusion (VFI)

- 5.5 bar



ELECTRICAL INFUSION POLE

- Length: 1,600 to 2,600 mm (height be limited)
- Weight: 3.8 kg
- Load capacity: max. 4 kg

FOOTSWITCH

- Dimension: 319 x 295 x 143 mm (w x h x d)
- Weight: 4 kg
- Dual-linear multifunctional footswitch with 8 bumpers
- Pedal with proportional output signal both vertically and horizontally
- Programmable braking points for tactile feedback
- 5 m cord

CART

- Dimensions: 605 x 945 x 960 mm (w x h x d) incl. instrument tray
- Weight: 52 kg

MANUFACTURER


Fritz Ruck Ophthalmologische Systeme GmbH
De-Saint-Exupéry-Str. 10
60549 Frankfurt
Germany

ORDERING INFORMATION

Qube™/Qube™ pro Consumables	Item No.	Qty. per unit	Phaco	Item No.	Qty. per unit
Qube™ Cassette System, sterile, pouch pack	03QA10	4	Phaco handle, titan, non-sterile	02PH42	1
Qube™ Cassette System IPC, sterile, pouch pack	03QA11	4	Protection cap for phaco handle, new generation	03PH71	5
Cassette system, standard, sterile, blister pack	03QA10-2	12	Phaco needle set 19G, for 2.75 - 3.2 mm incision, sterile	03QP19	10
Cassette system, IPC, sterile, blister pack	03QA11-2	12	Phaco needle set 21G, for 2.2 - 2.4 mm incision, sterile	03QP21	10
Screen Protector, sterile, medical-grade	37054	100	Phaco needle set 23G, for 1.8 - 2.0 mm incision, sterile	03QP23	10
Air Fluid Exchange (AFX)	Item No.	Qty. per unit	Sleeve set 19G, sterile	03QP29	10
AFX set, sterile	03QF10	5	Sleeve Set 20G, sterile	03QP30	10
Diathermy	Item No.	Qty. per unit	Sleeve set 21G, sterile	03QP31	10
Cable for bipolar diathermy, non-sterile	02BI46	1	Sleeve set 23G, sterile	03QP33	10
Plastic diathermy forceps, straight, non-sterile	02BI60	1	Sleeve set 19G - CF, sterile	03QP39	10
Diathermy forceps, angled, non-sterile	02BI61	1	Phaco tip 'Turbo' 30°, Ø 1.2 mm/Ø 0.7 mm, non-sterile	03PH55	1
Diathermy pen 'sclera', straight, non-sterile	02BI70	1	Phaco tip 'Turbo' 30°, Ø 0.89 mm, non-sterile	03PH62	1
Diathermy pen 'sclera', beveled, non-sterile	02BI71	1	Phaco tip 'Mini-Turbo', 30° (for incision size 1.8 mm), non-sterile	03PH63	1
Diathermy pen „Endo“, 23G, straight, sterile	03BI23	5	Phaco tip 'Fragmentation', 30°, 20G, Ø 0.85 mm/Ø 0.65 mm, non-sterile	03PH60	1
Diathermy pen „Endo“, 25G, straight, bipolar, 25G, sterile	03BI25	5	Silicone sleeve 'Standard', light-blue, soft, 19G, non-sterile	03PH80	10
I/A	Item No.	Qty. per unit	Silicone sleeve, limp, 21G, small incision technique, non-sterile	03PH87	6
Bimanual I/A set, Ø 0.8 mm, aspiration opening 0.35 mm 21G, sterile	03IA53	10	Coolflow sleeve 23G, micro incision, non-sterile	CF602350	6
Mono-manual I/A handpiece Ø 0.9 mm, 65°, rough, 1.7 mm 20G, sterile	03IA2065R	10	Phaco wrench 5R, non-sterile	02PH58	1
Mono-manual I/A handpiece Ø 0.8 mm, 45°, rough, 1.5 mm 21G, sterile	03IA2145R	10	Test chamber, non-sterile	03PH90	10
Bimanual A-handle 21G, Ø 0.8 mm (aspiration hole 0.35 mm), non-sterile	02IA36	1	Trocar Sets	Item No.	Qty. per unit
Bimanual A-handle 21G, Ø 0.8 mm (aspiration hole 0.25 mm), non-sterile	02IA37	1	Trocar set Qline, 23G, one-step, valved, sterile	S9.7100.23	5
Bimanual I-handle 21G, Ø 0.8 mm (two ports 0.5 mm), non-sterile	02IA38	1	Trocar set Qline, 25G, one-step, valved, sterile	S9.7100.25	5
I/A handle 19G, Ø 1.1 mm, 30° (with sleeve), non-sterile	02IA34	1	Vitrectomy	Item No.	Qty. per unit
I/A handle 19G, Ø 1.1 mm, straight (with sleeve), non-sterile	02IA32	1	Vitreous cutter with tubing set (0.9 mm, 20GA), sterile	2450CE	6
I/A handle 19G, Ø 1.1 mm, 45° (with sleeve), non-sterile	02IA33	1	Vitreous cutter with tubing set (0.6 mm, 23GA), high-speed, sterile	2470CE	6
Oil	Item No.	Qty. per unit	Bi-Blade™ Vitreous cutter with tubing set (23GA/0.6mm), high-speed, sterile	2470QB	6
Oil injection unit, non-sterile	02ÖL10*	1	Bi-Blade™ Vitreous cutter with tubing set (25GA/0.5 mm), high-speed, sterile	2490QB	6
Connection tube for oil injection, non-sterile	02ÖL32*	1			
Connection tube for oil injection, sterile	03ÖL32*	1			
Adapter for silicone oil aspiration incl. syringe, sterile	03ÖL45*	10			

*Above item nos. valid for German markets only. For other markets & placing orders, item nos. will be 02OEL10, 02OEL32, 03OEL32 & 03OEL45.

Information contained is intended for health care professionals. For a full list of indications and contra indications please refer to the Instructions For Use. Some of the products and/or specific features as well as the procedures featured in this document may not be approved in your country and thus may not be available there. Design and specifications are subject to change without prior notice as a result of ongoing technical development. Please contact our regional representative regarding individual availability in your country. Qube™ pro is a registered trademark of the Fritz Ruck GmbH or its affiliates. ©2020 Fritz Ruck Ophthalmologische Systeme GmbH. All rights reserved.

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