



Hummingbird

The intelligent and intuitive
phaco machine



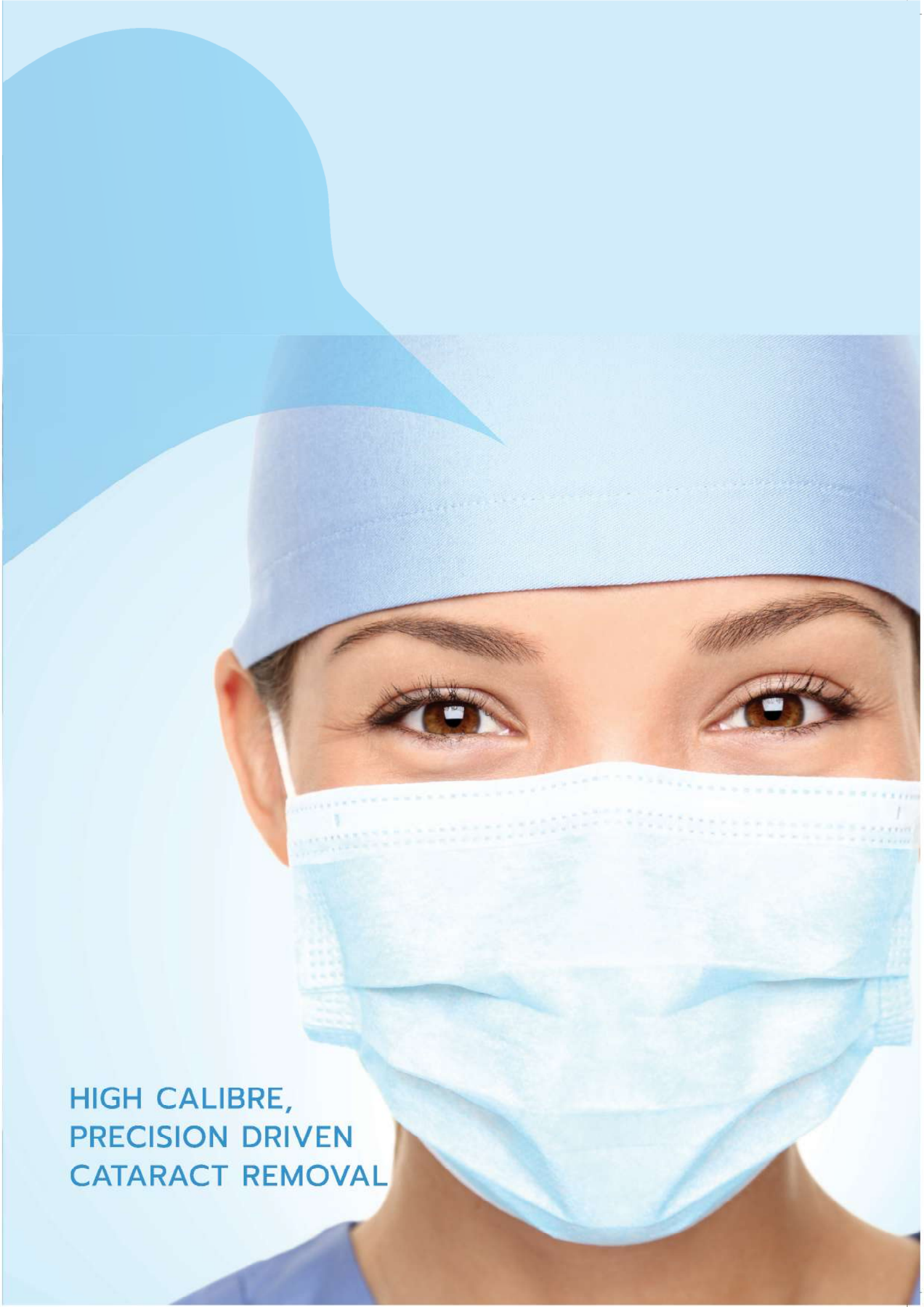
Phaco Profile Name

Mode 50	Vacuum 0	Flow 0
Pulse Rate 15	Infusion 60	Options RR Prime
E.P.T 120	Options 35	Bootsle XCHG

Scalpe **Quad** **Epi** **Coag**
Cortex **Polish** **Visco** **Vit**

Set **Menu**

aurolab

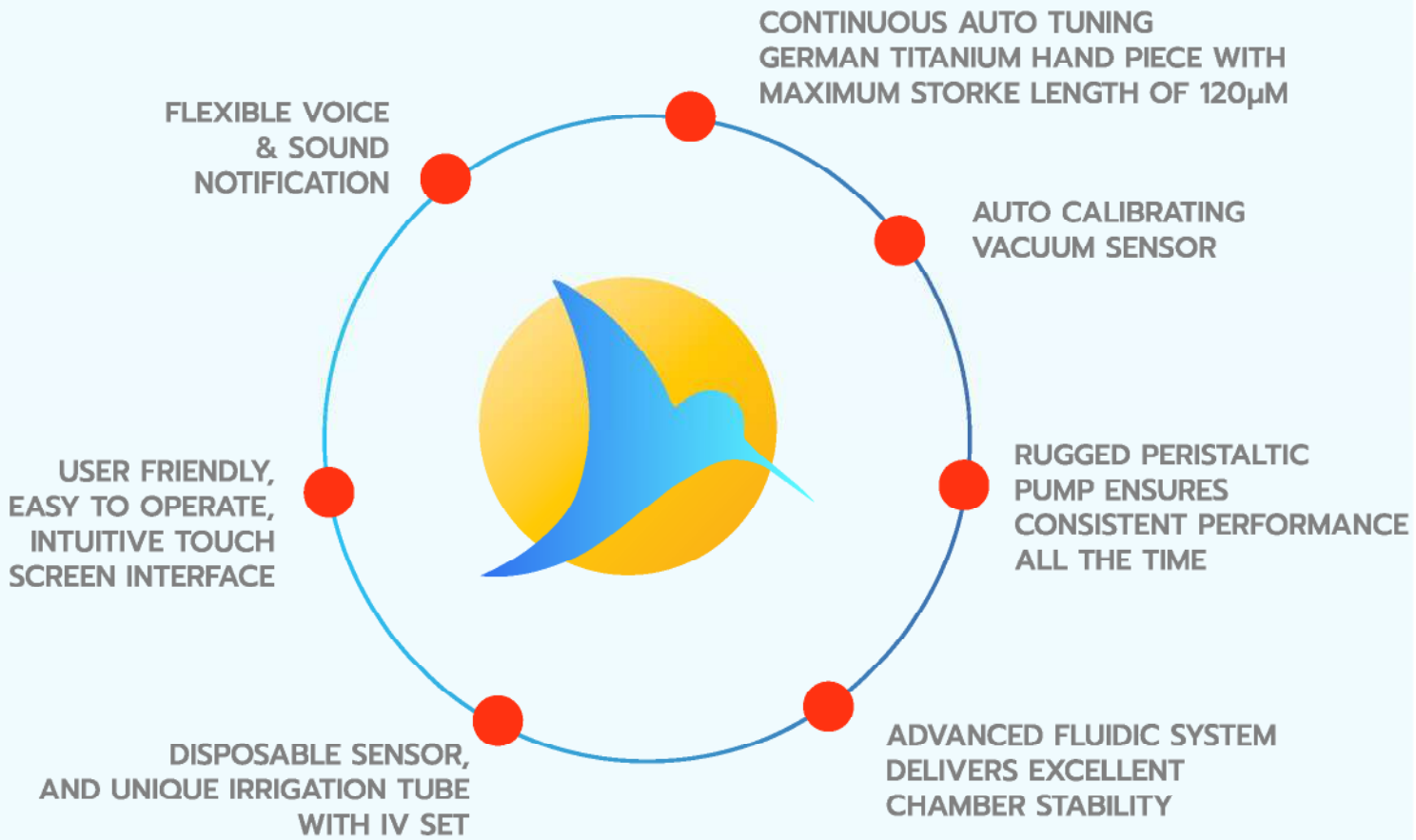


**HIGH CALIBRE,
PRECISION DRIVEN
CATARACT REMOVAL**





Hummingbird machine from Aurolab comes with just one clear purpose – to ensure that the intervention is quick, clean and exceptional so that the surgeon is capable of doing every operation with the same level of skill and exactness.



Highlights

Manufactured by Aurolab, the well-respected name in this field, the Hummingbird is the absolute best in phacoemulsification technology for the following reasons –

- Dedicated system to monitor and control fluidics module
- Precise vacuum sensing system for accurate feedback of IOP
- Customizable parameters for all Phaco Modes (continuous, pulse, auto pulse mode, Burst mode & Reverse Burst mode)
- Auto and Manual backflush options for improved safety
- Single Screen operability
- 10 programmable surgeon settings
- Pneumatic anterior vitrectomy cutter with built-in compressor



Specifications

PHACO

Titanium hand-piece with operating frequency range: 38 to 42 KHz | Max stroke length: 120µm
Max power delivery: 50W. Modes: Continuous, Pulse, Auto Pulse, Customized Burst mode.
EPT measurement: In terms of percentage and according to usage time

ASPIRATION

Pump : Peristaltic | Max flow rate: 0 to 120 ml/min | Vacuum range: 0 to 720 mmHg

IRRIGATION

Gravity fed fluid delivery – manual/auto *

ANTERIOR VITRECTOMY

Hand piece: pneumatically powered guillotine | Cutter operated by an internal air compressor
Cutting rate upto 1500 cuts / min

DIATHERMY

Type : Bipolar Generator | Operating frequency : 2.2 MHz | Max Power: 15W

DISPLAY

10.4" LCD touch screen with intuitive GUI

FOOT PEDAL

Programmable dual linear pedal* with 4 bumper switches and a kick back function

TROLLEY

Light weight ergonomically designed trolley for better mobility

DIMENSIONS

Console: 51cm X 40cm X 26cm | Foot pedal: 29cm X 29cm X 14cm

WEIGHT

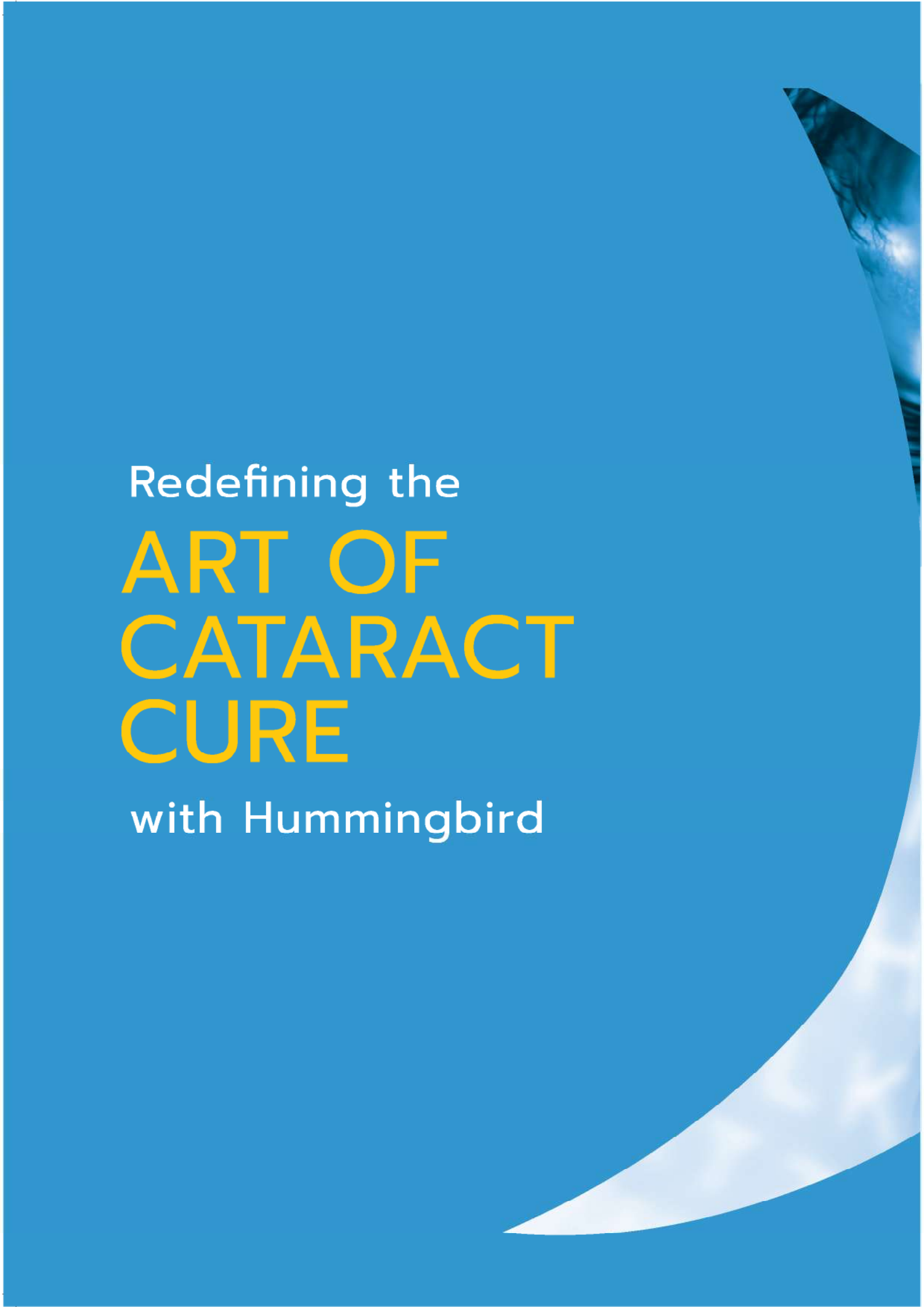
Phaco console – 13 kg | Foot Pedal - 4 kg
Automated Infusion Pole – 7 kg | Trolley – 22 kg

ACCESSORIES

Phaco Handpiece
Phaco tip - 2.2mm, 2.6mm, 2.8mm
Kelman tip (30°, 45°)
Phaco sleeve
Phaco test Chamber

Aspiration Tube
Disposable sensor and irrigation tube
Coax and Bi-manual I/A Handpieces
Anterior pneumatic vitrectomy cutter
Diathermy pen and forceps

* Optional. Not part of standard machine



Redefining the
**ART OF
CATARACT
CURE**

with Hummingbird



Information published in this catalogue is subject to change without notification



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