i-Quolis

Belmont

Belmont

Intelligent Quolis

Touch intuitive technology

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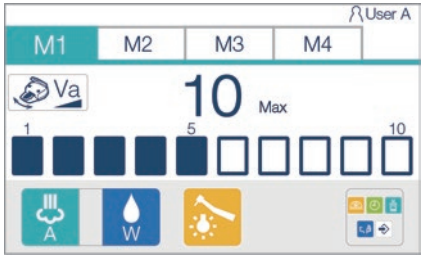
The i-Quolis is designed for the dentist to focus solely on the patient and their treatment. Using the latest advanced technology, Belmont has designed this new treatment center with a unique user interface that intuitively provides access to all functions allowing you to focus on dentistry and patient care.

Everything Easily Within Reach

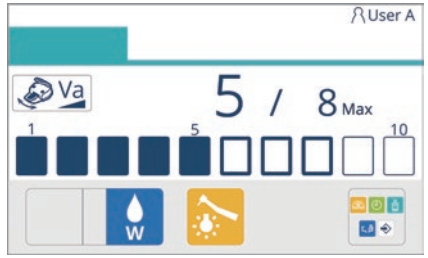
Controlling the speed of your handpieces has never been easier. The new foot control improves efficiency and reduces fatigue during dental procedures and treatments.

The new slide foot controller allows for precise adjustment via sideways position motioning and step-on activation. The touchscreen interface can set the rotation speed for each handpiece position quickly and intuitively.



The integrated touchscreen display provides all the necessary information to operate different types of handpieces and built-in devices. In addition to using the touchscreen control, the foot control can also be used to control handpiece water and chip blower.

i-Quolis delivery systems can store up to four unique settings for each handpiece position. The touchscreen easily controls chip air, water, RPM, torque, and rotational direction.



For i-Quolis delivery systems equipped with an optional scaler, you can easily control different scaling modes for periodontal and endodontic functions from a single touch of the screen.

An Enhanced User Experience

Only a light touch is required to correctly position the delivery system, instruments, and light. Everything is always precisely where you need it, which reduces fatigue caused by continuous movement during treatment.

Instrument holder position

Designed to move independently from the doctor's table, the instrument holder is adjustable via a 3-axis adjustment mechanism for the position that best suits your needs.

Fits Your Position

The assistant's arm has a height adjustment mechanism to achieve the optimal treatment position.

Flexible lighting

The Belmont light maneuvers easily into position and will remain precisely where it is required so dental professionals can start treatment immediately. The arm covers a wide area, including maxillary and mandibular areas of the patient, with a 3-axis rotation of the light head.

Belmont Bel Halo and Bel Nova LED lights reproduce natural light with highly functional color rendering capacity. With the hands-free touchless sensor, you can turn the light on and off and activate the composite-safe mode.

Improve Your View

Belmont's newly designed headrest offers a wide range of view of the oral cavity, while easy positioning enhances your patient's comfort during procedures.

Headrest

The new twin-axis headrest system, capable of making a wide range of adjustments, can be fine-tuned in increments of 7.5 degrees to accommodate all patients, from children to adults. The headrest height can also be easily adjusted, requiring a fraction of the force required in previous models.

Backrest

With a thin and narrow backrest, practitioners gain unhindered access to the patient, resulting in a better posture and a more comfortable working experience.

The i-Quolis chair features a swivel mechanism that is operated by releasing the hydraulic lock. With the touch of a button the chair top is unlocked and easily swivelled, even with a seated patient.

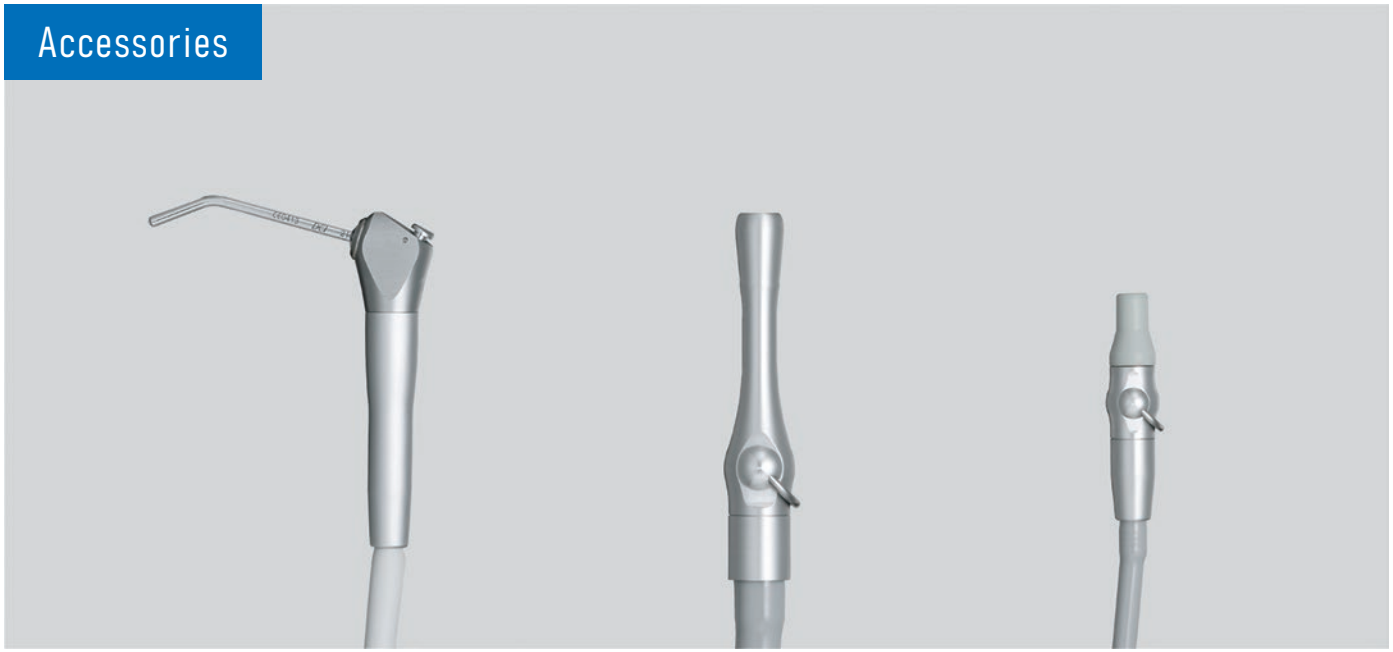
The i-Quolis chair touchpad provides enhances safety and usability with its highly visible LED back-lit display.

Variations

i-Quolis Flex delivery system
with cuspidor and Vac Pack, monitor mount and
Bel Halo light on i-Quolis chair.

i-Quolis traditional delivery system
with Vac Pack and Bel Nova light on
i-Quolis chair.

Accessories



Syringe HVE SE

Water bottle

Integrated options

Bien Air MCX Bien Air MX2 PLUS Acteon SP-Newtron Cavitron

Specification

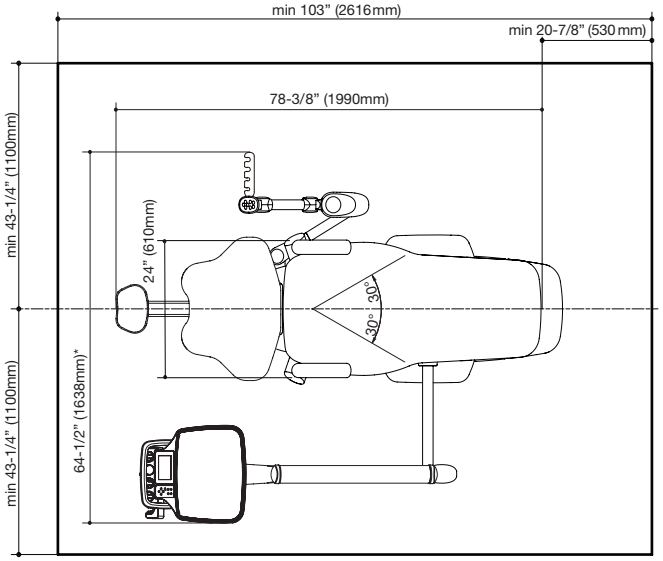
Dental Chair	Q5500	Q5500
Base height range	Low point: 15-3/4" (400mm) High point: 31-1/2" (800mm)	Low point: 15-3/4" (400mm) High point: 31-1/2" (800mm)
Backrest	Thin backrest for excellent operator access	Thin backrest for excellent operator access
Headrest	Articulating dual axis headrest	Articulating dual axis headrest
Armrests	Swing out armrest (130°)	Swing out armrest (130°)
Chair swivel	60° left to right seat rotation	60° left to right seat rotation
Power supply	120V ~ 60Hz	120V ~ 60Hz
Chair control	Integrated armrest touchpads	Integrated armrest touchpads
Lift system	Shockless soft start/soft stop movement with hydraulic system	Shockless soft start/soft stop movement with hydraulic system
Chair base	Aluminum casting base	Aluminum casting base
Upholstery options	Seamless / Plush	Seamless / Plush
UL load rating	440 lb (200kg)	440 lb (200kg)
Warranty	5 years (chair base) / 1 year (upholstery)	5 years (chair base) / 1 year (upholstery)
Delivery Systems	**Holder**	**Flex**
LCD Touchpad (5 inch)	●	●
Tray holder (size: 290 x 190 mm)	-	●
Handpiece holder positions	4+Syringe	4+Syringe
Handpiece instruments - 2x Midwest 4 holes turbine hose - 1x Midwest 4 holes turbine hose with fiber optic - 1x syringe - 1x option	● (standard spec)	● (standard spec
Midwest 4 holes turbine hose with fiber optic	○	○
Micro motor	○ (up to 3 motors)	○ (up to 3 motors)
Ultrasonic/Piezo scaler	○	○
Left/right conversion	●	●
Balanced flex arm with air brake	●	●
Brake handles	●	●
Flushing system	●	●
Water system (2L bottle)	●	●
Junction box (Aluminum cating base)	●	●
Electric foot controller	●	●
2x Foot control switch - Water ON/OFF - Chip blower	●	●
Assistant's Systems	**PMU**	**Vac Pac**
Touchpad (chair&light control)	●	●
Left/right conversion	●	●
Ratchet gear height adjustment	●	●
Handpiece instruments - 1x high volume evacuation (HVE) - 1x saliva ejector (SE) - 1x syringe - 1x option (2nd HVE / curing light / intra-oral camera)	●	●
Rotating cuspidor bowl, porcelain	●	-
Service outlet for water / connector for water	●	●
Service outlet for air/ connector for air	●	●
Accessories		
Monitor bracket	○	○
Water system (2L bottle)	●	●
Foot control for chair operation	○	○
Additional Umbilical (+5ft /+10ft /+15ft /+20ft)	-	●
Dental Lights	**Bel-Nova**	**Bel-Halo**
Color temperature	5000°K	5000°K
Light pattern (length x width)	3-3/8" x 6-1/8"	3-7/8" x 6-5/8"
Touchless sensor	●	●
Composite safe mode color	Amber	Amber
Stepless light intensity range (treatment mode)	464 – 3158 FTC	325 - 3623 FTC
Stepless light intensity range (composite safe mode)	1021 FTC	697 FTC
Input voltage	120V / 60 Hz	120V / 60 Hz
Rotational axes	3-axis: horizontal, vertical, diagonal	3-axis: horizontal, vertical, diagonal
Patient mirror	○	○

● standard ○ option

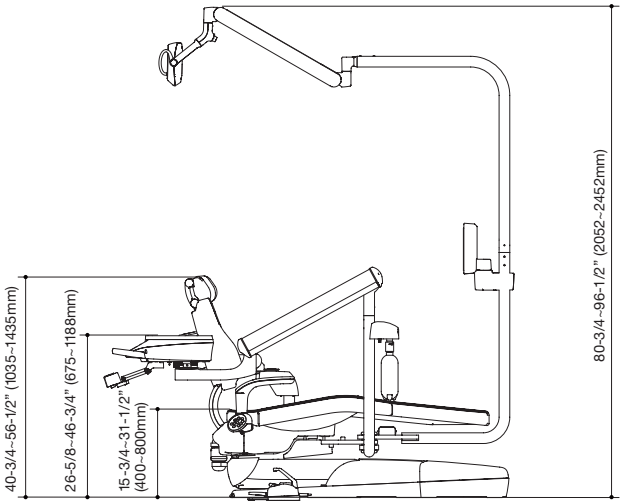
Dimensions

Vac Pac type

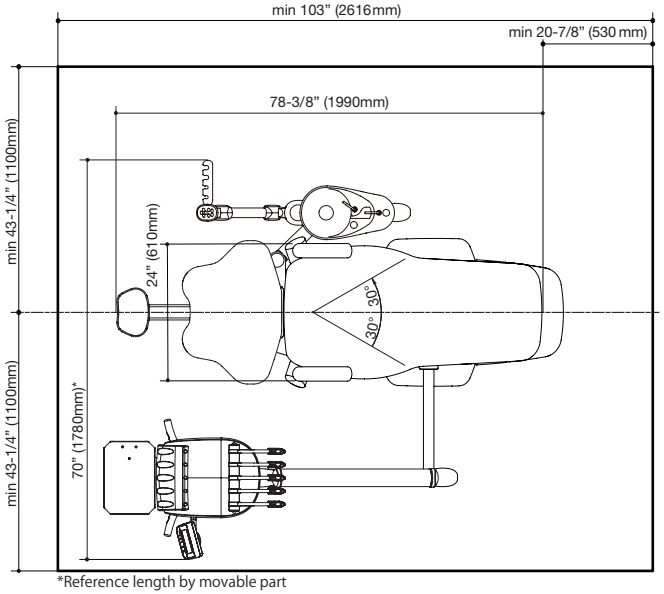
Unit : inch (mm)
Tolerance in dimensions: ±10%



*Reference length by movable part



PMU type



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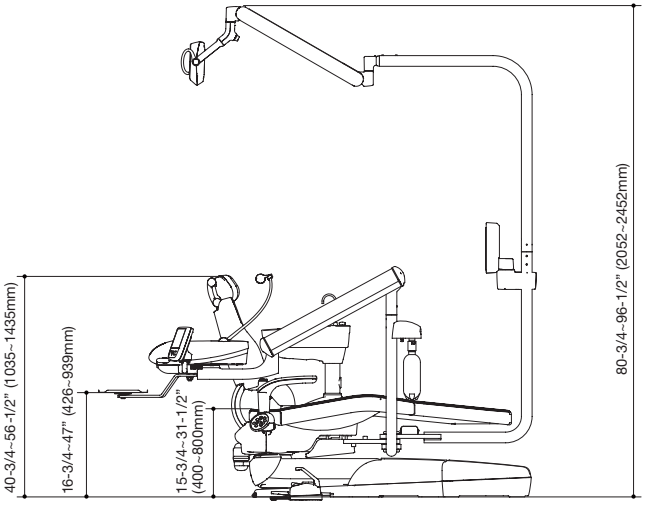

Deep Insight

In collaboration with dental professionals worldwide, Belmont's research and development team strives to develop solutions that enhance dental practices.
The i-Quolis is designed to provide you with a higher standard of usability, built-in features, and even greater comfort for you and your patients.

Product review in Somerset New Jersey

Made by
hand and mind,
in Japan

Intelligent Quolis

Belmont

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The specifications and colors are subject to change without notice.

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