



No Compromise.

Aquasil® Ultra+
Smart Wetting® Impression Material

digit Power®
Dispenser



**76% OF CLINICIANS WANT
A PROCESS AND MATERIAL
TO DELIVER MORE VALUE
TO THEIR PROCEDURE¹**

IMPRESSION MATERIAL AND DELIVERY SYSTEM

MADE FOR THE REAL WORLD

The cases that require impressions aren't always ideal. You deserve an impression solution that meets and even exceeds your expectations every time. To help you take consistently successful impressions, Dentsply Sirona has reformulated its material and revolutionized the design of its delivery system. Together, they will change the way you take impressions.

Aquasil® Ultra+ Smart Wetting® Impression Material provides state-of-the-art intraoral hydrophilicity and intraoral tear strength to deliver better-than-ever results.

- Industry-leading intraoral hydrophilicity and intraoral tear strength offer incredible detail and accuracy
- Material can be used across a range of use cases including single-unit crowns, multi-unit restorations, implants, edentulous, and clear aligners

digit Power® Dispenser, the only battery-powered, ergonomic wash material delivery system on the market, offers improved control and precision placement. It allows the dentist to get closer to the tooth prep for consistent control.

- Creates a neutral holding position in space between thumb and pointer finger, reducing muscle complexity
- Single-unit dose delivery cartridges provide convenience with less material waste

¹ Data on file.





HYDROPHILIC + TEAR STRE

HYDROPHILICITY WHERE IT COUNTS, INTRAORALLY

Hydrophilicity, or contact angle, is most important when the material is being dispensed intraorally. Aquasil Ultra+ impression material delivers industry-leading intraoral hydrophilicity. Our extremely low contact angle—while the impression material is uncured—helps ensure an accurate impression in the presence of natural hydration, so over desiccation of the tooth prep isn't necessary.

LEADING INTRAORAL HYDROPHILICITY*

The material is designed to avoid trapping fluid from the moment it is syringed in a moist, humid environment, helping alleviate voids and bubbles at or near the margin.

LEADING CURED-FILM HYDROPHILICITY*

The material continues to work well with moisture after it leaves your office, delivering accuracy at the lab to deliver properly fitting final restorations.

	INTRAORAL HYDROPHILICITY (2" @80% RH)	CURED-FILM HYDROPHILICITY (5" @50% RH)	INTRAORAL TEAR STRENGTH (PSI @ .265mm thickness)	24 HOUR TEAR STRENGTH (PSI @ .265mm thickness)
AQUASIL® ULTRA+	15°	5°	607	678
IMPRINT™ 4	19°	6°	441	539
TAKE 1™ ADVANCED™	72°	88°	196	338
EXAFAST™ NDS	68°	66°	242	273
FLEXITIME®	55°	58°	291	399
IMPRINT™ 3	70°	43°	505	614
IMPREGUM™	49°	54°	165	259
V-POSIL	52°	42°	414	404

CITY NGTH



INTRAORAL TEAR STRENGTH WITH POLY-STRONGER BONDS

Tears and voids at the margin are the most common errors in impressions. Aquasil® Ultra+ impression material reduces the risk of tears when you need it most — at the thinnest thicknesses while removing it from the mouth. Our advanced formula accommodates a wider set of cases, including those using retraction paste and other techniques where minimal retraction occurs.

LEADING INTRAORAL TEAR STRENGTH*

Patented technology delivers polyfunctional bonds, for the highest intraoral tear strength on the market. This ensures margins stay intact and material is not left in the sulcus.

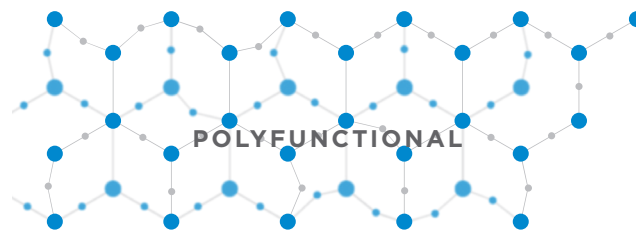
LEADING TEAR STRENGTH AT 24 HOURS*

Labs need your impression to remain intact, also. Designed to be strong even after it leaves your office, ensuring better model and final restoration accuracy.

WHY IS IT STRONGER?



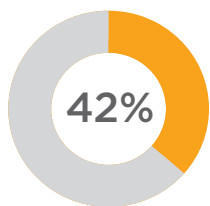
Impression materials that rely on polyether, traditional a-silicone, and c-silicone chemistries rely on linear bonds. This limits their ability to produce high tear strength.



Our patented chemistry ensures chemical connections occur through polyfunctional bonds, or branching. This allows the material to be strong even at the thinnest cross-sections.

THE THRILL OF TECHNOLOGY THAT MOVES WITH YOU

Current low viscosity impression delivery systems are built around the material — not the procedure or clinician — requiring extra steps to backfill a syringe or wrestle with a 50mL dispenser. Instead of suffering with wash delivery that doesn't work for you, experience delivery designed to work with you.



Device weighs up to 42% less limiting placement errors and repetitive fine motor fatigue*

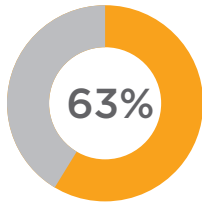
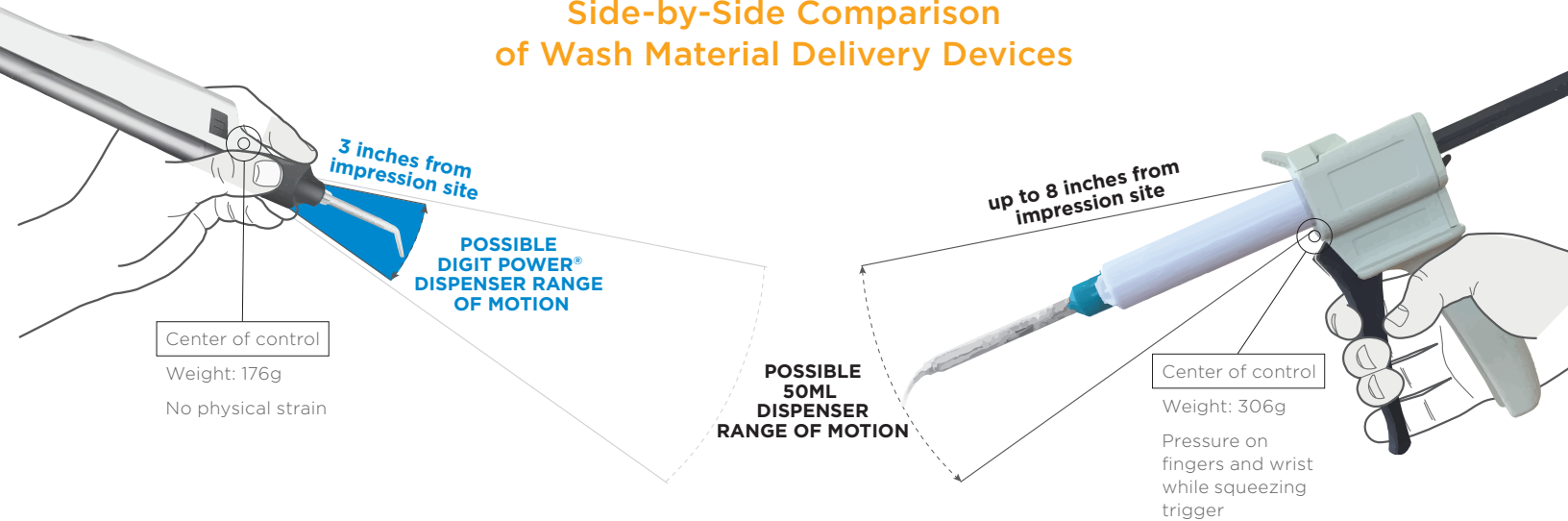
IMPRESSIVE ERGONOMICS

Current dispensing systems are designed around the delivery itself and not the clinician or procedure. These clunky delivery options are often heavy and require a great deal of physical strain and positioning effort to achieve stabilization and delivery results.

The digit Power® Dispenser reduces the key features of delivery systems associated with poor ergonomics — shape, distance, weight, physical strain, and complexity - to help ensure your delivery system works for you. With a unique pen grip design and power delivery, it allows you to focus on what matters, control and precision.



Side-by-Side Comparison of Wash Material Delivery Devices



Get up to 63% closer to the tooth prep for more control*

GAME-CHANGING PRECISION

The digit Power® Dispenser shortens the distance between the hand and the tooth prep to just three inches and provides a consistent flow of impression material with considerably less risk of tip movement while dispensing.

50mL dispensing guns require the dentist's hand to work up to eight inches away from the impression site and to apply approximately seven and a half pounds of pressure to pull the trigger. These factors, and more, reduce control and add compromise any procedure.



www.AquasilUltraPlus.com

Starter Kits

678690 Single-Unit Procedure Introductory Kit

- 2 Cartridges Rigid Fast Set (50mL each)
- 1 Cartridge LV Fast Set (50mL)
- 1 Cartridge XLV Fast Set (50mL)
- 6 First Bite® Disposable Impression Trays - Half Arch
- 1 Bottle Caulk® Tray Adhesive (14mL)
- 1 digit® LV/XLV Fast Set Evaluator Kit
- 12 Mixing Tips and 6 Intraoral Tips

678691 Multi-Unit Procedure Introductory Kit

- 2 Cartridges Heavy Regular Set (50mL each)
- 1 Cartridge LV Regular Set (50mL)
- 1 Cartridge XLV Regular Set (50mL)
- 6 First Bite® Disposable Impression Trays - Half Arch
- 1 Bottle Caulk® Tray Adhesive (14mL)
- 1 digit® LV/XLV Regular Set Evaluator Kit
- 12 Mixing Tips and 6 Intraoral Tips

678695 Introductory Kit

- 2 Cartridges Heavy Fast Set (50mL each)
- 1 Cartridge LV Fast Set (50mL)
- 1 Cartridge XLV Fast Set (50mL)
- 1 Bottle Caulk® Tray Adhesive (14mL)
- 1 digit® LV/XLV Regular Set Evaluator Kit
- 12 Mixing Tips and 6 Intraoral Tips

digit Power® Dispenser Complete Kit

1 handpiece, 1 charging base, power cord with power blades, 3 cartridge caps, 50 disposable barriers, 1 manual and quick start guide.

678530	White	
678531	Orange	
678532	Mint Green	

Aquasil Ultra+ Impression Material for digit Power Dispenser

50 single-use cartridges, 50 intraoral mixing tips

	FAST SET	REGULAR SET	EXTENDED SET
● XLV	678698	678693	678702
● LV	678694	678696	

digit Power Dispenser Accessories

- 678536 Disposable Barriers for digit Power Dispenser (50 ct)
- 678538 Cartridge Cap Refill (3 ct)
- 678537 Bluetooth® Foot Control with power cord and power blades
- 678008 digit Intrasulcular mixing tips (25 ct)
- 678007 digit Standard Intraoral mixing tips (25 ct)

Aquasil Ultra+ Impression Material Refill Options

50mL Cartridge 4-pack Refills

4 cartridges (50mL ea), 12 mixing tips

	FAST SET	REGULAR SET	EXTENDED SET
● XLV	678670	678668	678701
● LV	678672	678671	
● Medium	678674	678673	
● Heavy	678676	678675	678703
● Rigid	678678		

50mL Cartridge 24-pack Bulk Refills

24 cartridges (50mL ea)

	FAST SET	REGULAR SET
● Medium	678601	678602
● Heavy	678626	678625
● Rigid	678627	

DECA™ Cartridge Standard Packs

2 Cartridges (380mL ea), Mixing Tips, 1 Bayonet Locking Ring

	FAST SET	REGULAR SET	EXTENDED SET
● Medium	678697	678682	
● Heavy	678684	678686	678704
● Rigid	678688		
● Soft Putty		678622	

Hand Mix Putty Refills

1 base jar (450mL), 1 catalyst jar (450mL), 2 measuring spoons

	FAST SET	REGULAR SET
● Soft Putty	678620	
● Firm Putty		678621

Not All SKUs are available in all markets



Aquasil® Ultra+
Smart Wetting® Impression Material

For Implant Impressions.
No Compromise.

THE DENTAL
SOLUTIONS
COMPANY™

 Dentsply
Sirona

IMPRESSION MATERIAL FOR IMPLANTS

MAKE THE CLEAR CHOICE

67% OF DENTISTS ARE INTERESTED IN TESTING A DIFFERENT IMPRESSION MATERIAL.*

Impression materials for implants should allow for performance in all areas, including precision transfer of implant position, detail reproduction of surrounding soft tissue and dentition, handling, and patient experience.

Aquasil® Ultra+ Smart Wetting® Impression Material is designed to make it easier for you to choose the right implant impression material. Designed by Dentsply Sirona, experts in both implants and impressions, and based on decades of research and experience with market leading VPS technology, Aquasil Ultra+ material is optimized for performance in all clinically relevant areas without compromise.

Accept no compromise.

- Suitable for both implant and natural teeth impressions
- Designed to deliver precise transfer of implant position
- Exacting detail reproduction
- Minty taste for enhanced patient experience
- Easy mouth removal
- Long working time with short intraoral setting time

“Aquasil Ultra+ is one impression material that benefits all implant cases including, implant level, custom and stock abutments, combination cases and natural tooth preparations.” Dr. Arnold Rosen, USA

UNCOMPROMISED ACCURACY

PRECISION TRANSFER OF IMPLANT POSITION

Implant transfers should be kept in their exact position by a combination of firmness, high elastic memory, dimensional stability, and tear strength.

LEADING INTRAORAL TEAR STRENGTH*

Patented technology delivers polyfunctional bonds, for the highest intraoral tear strength on the market. This facilitates mouth removal ensuring thin subgingival areas are intact and material is not left in the sulcus.

LEADING TEAR STRENGTH AT 24 HOURS

Labs need your impression to remain intact, too. Aquasil® Ultra+ material is designed to ensure better model and final restoration accuracy and enable multiple pours at the lab.

ENHANCED PATIENT EXPERIENCE

- Minty taste and odor
- Long work time with short intraoral setting time
- Easy mouth removal

DETAIL REPRODUCTION OF SOFT TISSUE AND DENTITION

Your low viscosity material should flow into the sulcus to avoid potential soft tissue collapse to reproduce the emergence profile as you intended it to be.

LEADING INTRAORAL HYDROPHILICITY*

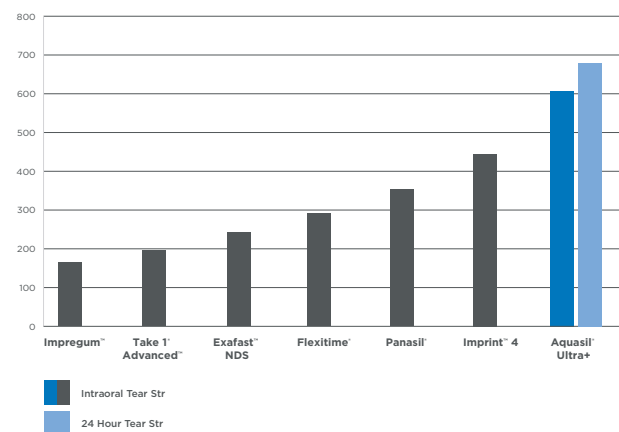
Hydrophilicity, or contact angle, is relevant for an impression material to capture details on teeth as well as mucosa surrounding an implant. It is most important when the material is being dispensed intraorally.

“Why do I use the double mix technique with Aquasil Ultra+ heavy and XLV? Working with implants, I still need to deal with natural teeth most of the time. Aquasil Ultra+ has the higher detail reproduction, and makes the more accurate impressions.”

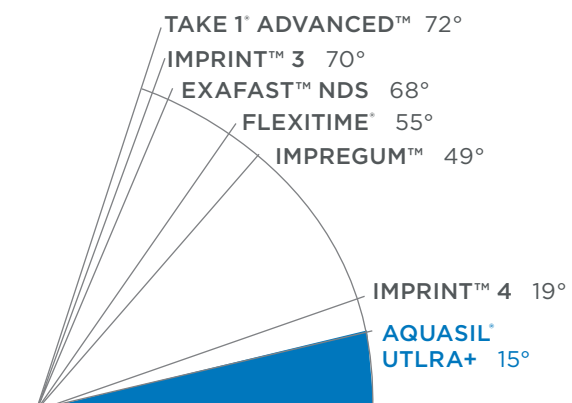
Dr. Peter Gehrke, Germany



TEAR STRENGTH
(PSI @.265mm thickness)



INTRAORAL CONTACT ANGLE



EFFORTLESS HANDLING

AN IDEAL COMBINATION

Aquasil Ultra+ impression material for implants offers a broad range of consistencies that make it ideal for all your implant impression needs. The recommended combination for an accurate implant impression is:

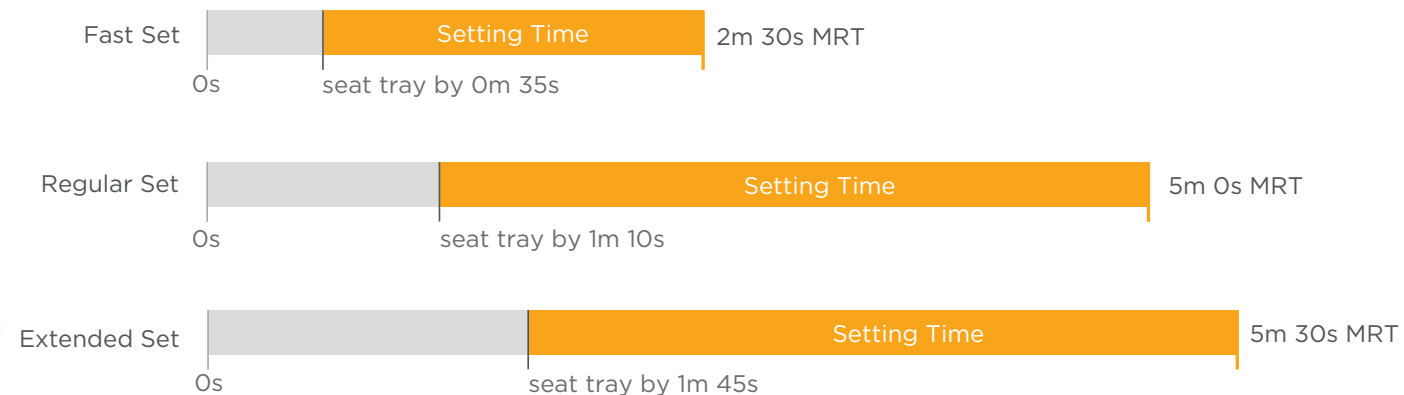
- Tray Material - Heavy for the necessary rigidity while allowing for easy mouth removal.
- Wash Material - XLV (extra light viscosity) for the high detail reproduction without tears.

The thixotropy of Aquasil Ultra+ impression material for implants makes the application easy by maintaining a consistent viscosity while in use. Flow toward the sulcus helps ensure optimal reproduction of the emergence profile, even in deep implants, no matter the technique used.

WORK AT YOUR OWN PACE

Exceeding the work time or removing your impression material sooner than the indicated mouth removal time (MRT) can lead to critical impression errors. That is why Aquasil Ultra+ material offers you a long work time with short intraoral set times. You can work at your own pace and your patient enjoys a quick impression with pleasurable minty taste.

UNIQUE WORK TIMES



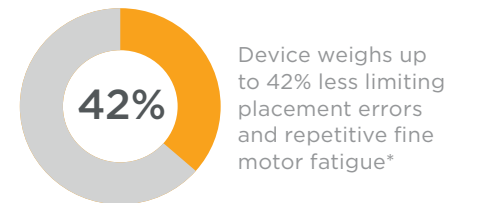
DESIGNED FOR IMPLANTS

MOVES WITH YOU

Current low viscosity impression delivery systems are built around the material — not the procedure or clinician — requiring extra steps to backfill a syringe or wrestle with a 50mL dispenser. Instead of suffering with wash delivery that doesn't work for you, experience delivery designed to work with you.

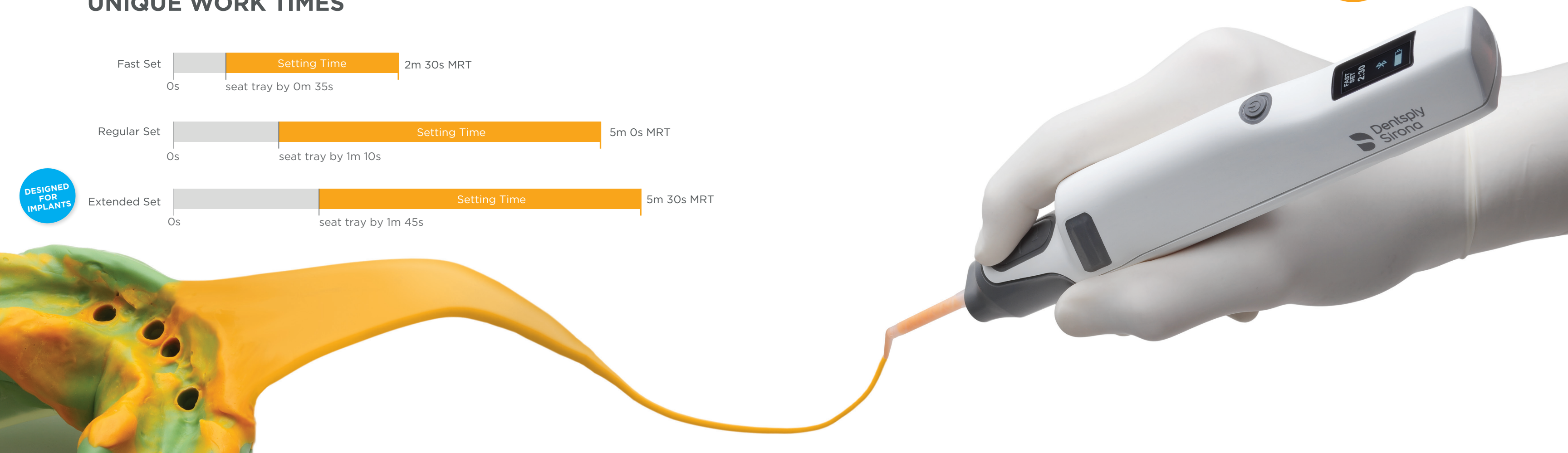
IMPRESSIVE ERGONOMICS

The digit Power® Dispenser reduces the key features of delivery systems associated with poor ergonomics — shape, distance, weight, physical strain, and complexity — to help ensure your delivery system works for you. With a unique pen grip design and power delivery, it allows you to focus on what matters, control and precision.



GAME-CHANGING PRECISION

The digit Power® Dispenser shortens the distance between the hand and the tooth prep to just three inches and provides a consistent flow of impression material with considerably less risk of tip movement while dispensing.



RECOMMENDED IMPRESSION PRODUCTS FOR IMPLANTS

Fast Set

Single implant cases

- 678670 ● **50mL XLV Fast Set 4-Pack Cartridge Refill**
4 Cartridges (50mL ea),
12 Mixing Tips, 12 Intraoral Tips
- 678676 ● **50mL Heavy Fast Set 4-Pack Cartridge Refill**
4 Cartridges (50mL ea),
12 Mixing Tips
- 678684 ● **DECA™ Heavy Fast Set Standard Pack**
2 Cartridges (380mL ea),
20 Dynamic Mixing Tips,
1 Bayonet Locking Ring

Regular Set

Multiple implant or implant with natural teeth impressions

- 678668 ● **50mL XLV Regular Set 4-Pack Cartridge Refill**
4 Cartridges (50mL ea),
12 Mixing Tips, 12 Intraoral Tips
- 678675 ● **50mL Heavy Regular Set Cartridge Refill**
4 Cartridges (50mL ea),
12 Mixing Tips
- 678686 ● **DECA™ Heavy Regular Set Standard Pack**
2 Cartridges (380mL ea),
20 Dynamic Mixing Tips,
1 Bayonet Locking Ring

Extended Set

Multiple implant or implant with natural teeth impressions and for increased tray rigidity

- 678701 ● **50mL XLV Extended Set 4-Pack Cartridge Refill**
4 Cartridges (50mL ea),
12 Mixing Tips, 12 Intraoral Tips
- 678703 ● **50mL Heavy Extended Set Cartridge Refill**
4 Cartridges (50mL ea),
12 Mixing Tips
- 678704 ● **DECA™ Heavy Extended Set Standard Pack**
2 Cartridges (380mL ea),
20 Dynamic Mixing Tips,
1 Bayonet Locking Ring

Aquasil Ultra+ Impression Material Refill Options

50mL Cartridge 4-pack Refills
4 cartridges (50mL ea), 12 mixing tips

	FAST SET	REGULAR SET	EXTENDED SET
● XLV	678670	678668	678701
● LV	678672	678671	
● Medium	678674	678673	
● Heavy	678676	678675	678703
● Rigid	678678		

50mL Cartridge 24-pack Bulk Refills
24 cartridges (50mL ea)

	FAST SET	REGULAR SET
● Medium	678601	678602
● Heavy	678626	678625
● Rigid	678627	

DECA™ Cartridge Standard Packs
2 Cartridges (380mL ea), Mixing Tips, 1 Bayonet Locking Ring

	FAST SET	REGULAR SET	EXTENDED SET
● Medium	678697	678682	
● Heavy	678684	678686	678704
● Rigid	678688		
● Soft Putty		678622	

Hand Mix Putty Refills

1 base jar (450mL), 1 catalyst jar (450mL), 2 measuring spoons

	FAST SET	REGULAR SET
● Soft Putty	678620	
● Firm Putty		678621

digit Power® Dispenser Complete Kit

1 handpiece, 1 charging base, power cord with power blades,
3 cartridge caps, 50 disposable barriers, 1 manual and quick start guide.

678530	White	
678531	Orange	
678532	Mint Green	

digit Power Dispenser Accessories

- 678536 Disposable Barriers for digit Power Dispenser (50 ct)
- 678538 Cartridge Cap Refill (3 ct)
- 678537 Bluetooth® Foot Control with power cord and power blades
- 678008 digit Intrasulcular mixing tips (25 ct)
- 678007 digit Standard Intraoral mixing tips (25 ct)

Aquasil Ultra+ Impression Material for digit Power Dispenser

50 single-use cartridges, 50 intraoral mixing tips

	FAST SET	REGULAR SET	EXTENDED SET
● XLV	678698	678693	678702
● LV	678694	678696	

Not All SKUs are available in all markets



IMPLANT IMPRESSIONS NO COMPROMISE

Aquasil® Ultra+ Smart Wetting® Impression Material

Aquasil® Ultra+ Material for implant impressions. Designed by Dentsply Sirona, experts in both implants and impressions. Impression materials should perform in all areas - precision transfer of implant position, detail reproduction of surrounding soft tissue and dentition, handling, and patient experience.

The ideal combination with closed or open tray techniques:

- **Heavy** viscosity tray material for rigidity while enabling an easy mouth removal
- **Extra Light** viscosity wash material for flow and accurate details

PRECISION TRANSFER OF IMPLANT POSITION

Implant transfers should be kept in their exact position by a combination of firmness, high elastic memory as well as dimensional stability and tear strength.

“Working with implants, I still need to deal with natural teeth most of the time. Aquasil® Ultra+ has the highest detail reproduction, makes the more accurate impressions.”
 -Dr. Peter Gehrke, Germany

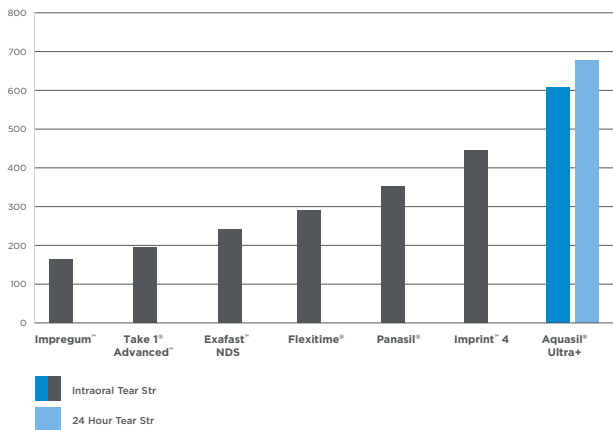


DETAILS OF SOFT TISSUE AND DENTITION

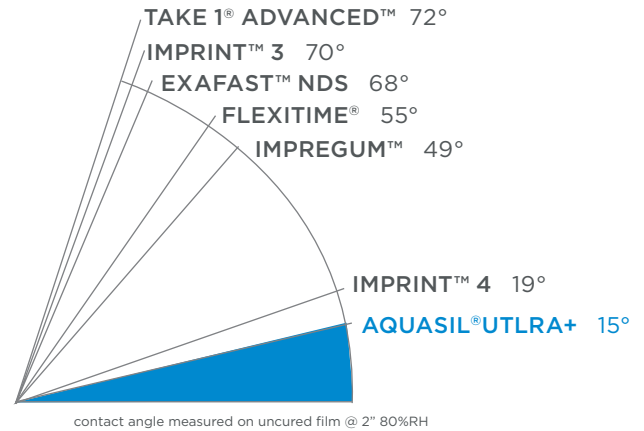
Your low viscosity material should flow into the sulcus to avoid potential soft tissue collapse to reproduce the emergence profile as you intended it to be.



TEAR STRENGTH
 (PSI @ .265mm thickness)



INTRAORAL CONTACT ANGLE



ENHANCED PATIENT EXPERIENCE

- Minty taste and odor
- Long work time with short intraoral setting time
- Easy mouth removal

“Aquasil® Ultra+ is one impression material that benefits all implant cases including implant level, custom and stock abutments, combination cases and natural tooth preparations”
 -Dr. Arnold Rosen, USA

IT'S TIME TO EXPERIENCE YOUR NEXT IMPRESSION MATERIAL FOR IMPLANTS.

For more information:
www.aquasilultraplus.com

digit Power®
Dispenser

Moves With You



Designed for Use with
Aquasil® Ultra+
Smart Wetting® Impression Material



digit Power[®] Dispenser

Designed for Use with
Aquasil[®] Ultra+
Smart Wetting[®] Impression Material

IT'S TIME TO ASK: IS YOUR DELIVERY SYSTEM WORKING FOR YOU?

Low viscosity impression delivery systems are built around the material—not the procedure or clinician—requiring extra steps to backfill a syringe or wrestle with a 50mL dispenser. Instead of suffering with wash delivery that doesn't work for you, it's time to find a better way.

76%

of clinicians want a process and material to deliver more value to their procedure*

Feel the thrill of technology that moves with you.

SAY "HELLO" TO THE REVOLUTIONARY DIGIT POWER[®] DISPENSER.

With the touch of a button, it lets you focus on what matters most: a procedure done with precision. And when used with Aquasil[®] Ultra+ Smart Wetting[®] Impression Material it represents an impressive step forward in material delivery and procedural excellence.

92%

of clinicians find precision placement to be "critically important" to their procedure*



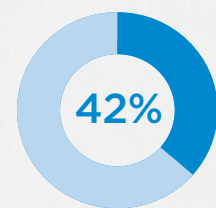
Designed to work with you.

IMPRESSIVE ERGONOMICS

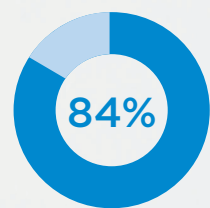
Dentists spend as many as 60,000 hours over the course of their career in improper body positions, negatively impacting their work and safety.¹

Current dispensing options are designed around the material itself and not the clinician or the procedure. These delivery options are often heavy and cause physical strain. Ergonomically awkward body positioning is often required to achieve stabilization and control to ensure adequate delivery results, despite risk of injury from body position.²

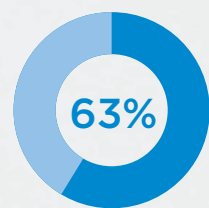
With a unique pen grip design and power delivery, the digit Power Dispenser allows you to assume a more ergonomic position and focus on precise delivery of the wash material.



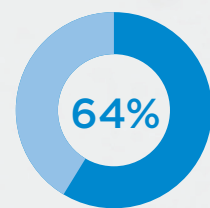
Device weighs up to 42% less limiting placement errors and repetitive fine motor fatigue*



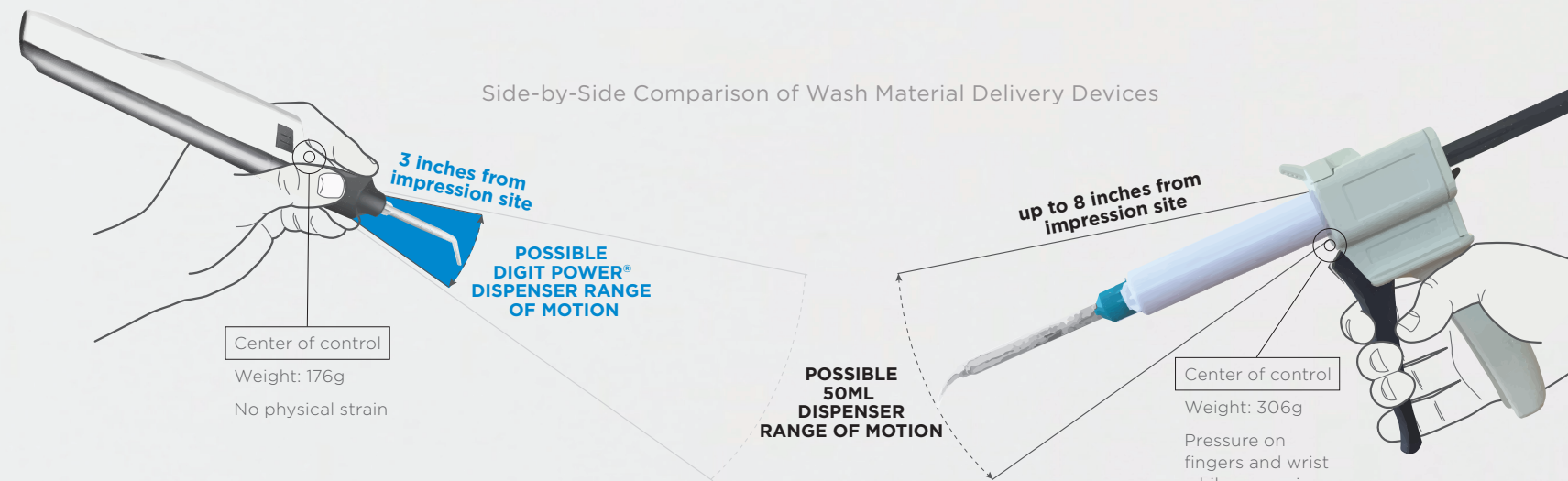
Up to 84% less force required to dispense than 50mL dispenser*



Get up to 63% closer to the tooth prep for more control*



Up to 64% less range of motion due to inadvertent wrist movement*



GAME-CHANGING PRECISION

The digit Power® Dispenser shortens the distance between the hand and the tooth prep to just three inches. With the closer proximity, there is considerably less risk of tip movement while dispensing, resulting in a more accurate flow of wash material around the tooth prep.

50mL dispensing guns require the dentist's hand to work as much as eight inches away from the impression site and to apply approximately seven and a half pounds of pressure to pull the trigger. These and other factors reduce control and can compromise the procedure.



1. Gupta A, Bhat M, Mohammed T, Bansal N, Gupta G. Ergonomics in Dentistry. Int J Clin Pediatr Dent 2014;7(1):30-34.
2. American Dental Association. 2004. An Introduction to Ergonomics: Risk Factors, MSDs, Approaches and Interventions.

A radical new approach to dispensing.

The digit Power® Dispenser's impressive set of design features complement the power of Aquasil® Ultra+ material to deliver results from the moment the material is dispensed. A slim, short mixing tip reduces distance to the impression site while reducing material waste. Single-use cartridges simplify the procedure from material loading to waste disposal. A built-in timer with work and set time notifications keeps you informed throughout the procedure. Two convenient speeds put control at your fingertips. This is simply the most advanced dispensing system on the market made for taking the most accurate impressions with utmost ease.

Designed for Use with
Aquasil® Ultra+
 Smart Wetting® Impression Material



Convenient unit dose delivery in multiple viscosities and set times

Slim mixing tip profile for access, visibility, and reduced waste

Convenient, autoclaveable cartridge cap system

Two-speed dispensing makes impression-taking flexible and convenient

Fine intraoral tip design with 360° rotation for optimal material placement

Slim, lightweight design for improved hand comfort

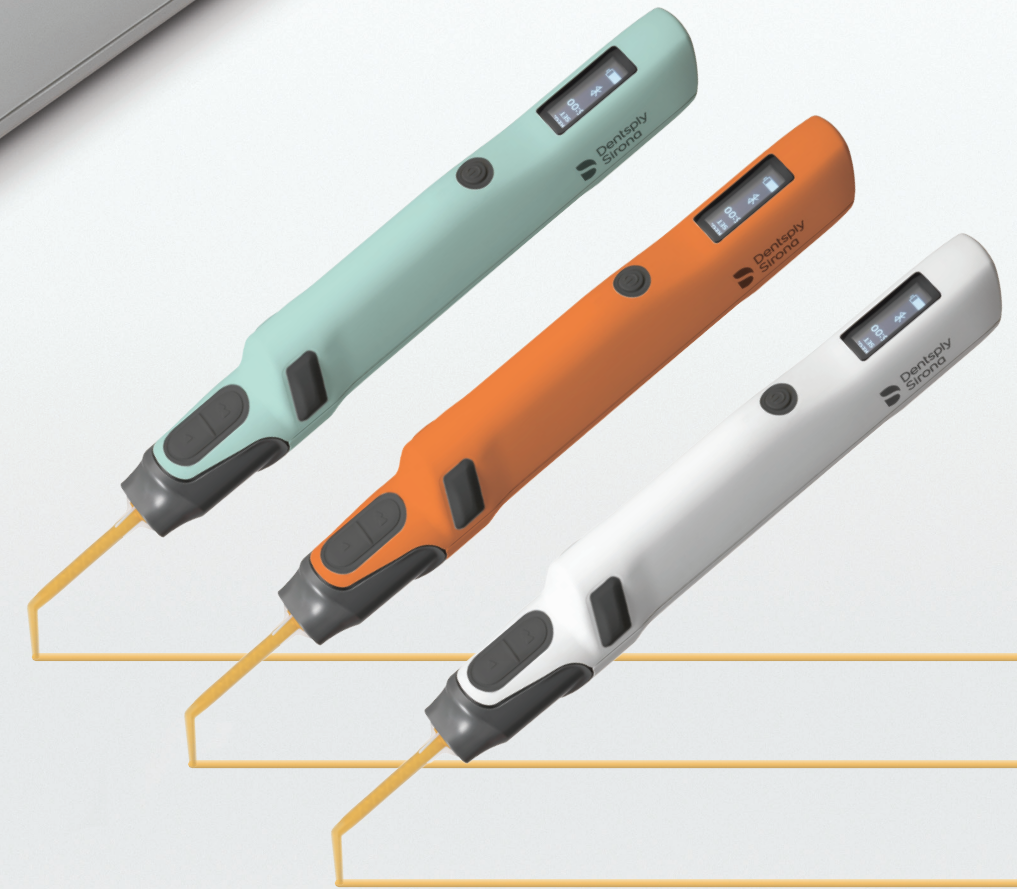
Three convenient timer modes: fast set, regular set, user set

Battery powered for ultimate portability

Large information display

Timer Mode Memory that remembers your last used timer mode upon restart

Work and set time notifications to improve compliance



Color options to match your operator/office decor






Optional foot control for variable speed via Bluetooth® technology¹

ORDER INFORMATION

digit Power Dispenser Complete Kit

1 handpiece, 1 charging base, power cord with power blades,
3 cartridge caps, 50 disposable barriers, 1 manual and quick start guide.


678530	White	
678531	Orange	
678532	Mint Green	

digit Power Dispenser Accessories

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678007	digit Standard Intraoral mixing tips (25 ct)

Aquasil Ultra+ Impression Material for digit Power Dispenser




50 single-use cartridges, 50 intraoral mixing tips

	FAST SET	REGULAR SET
 XLV	678698	678693
 LV	678694	678696

Aquasil Ultra+ Impression Material Refill Options




50mL Cartridge 4-pack Refills

4 cartridges (50mL ea), 12 mixing tips

	FAST SET	REGULAR SET
 Medium	678674	678673
 Heavy	678676	678675
 Rigid	678678	

DECA™ Cartridge Standard Packs

2 Cartridges (380mL ea), 20 Mixing Tips, 1 Bayonet Locking Ring

	FAST SET	REGULAR SET
 Medium	678697	678682
 Heavy	678684	678686
 Rigid	678688	

Not All SKUs are available in all markets

Contact your local Dentsply Sirona Restorative representative or
visit [dentsplysirona.com/digitPowerDispenser](https://www.dentsplysirona.com/digitPowerDispenser) to learn more.



*Data on file.

1. Bluetooth is not a registered Trademark of Dentsply Sirona
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ML7860000B (8/23/17)



Aquasil® Ultra+

Smart Wetting® Impression Material

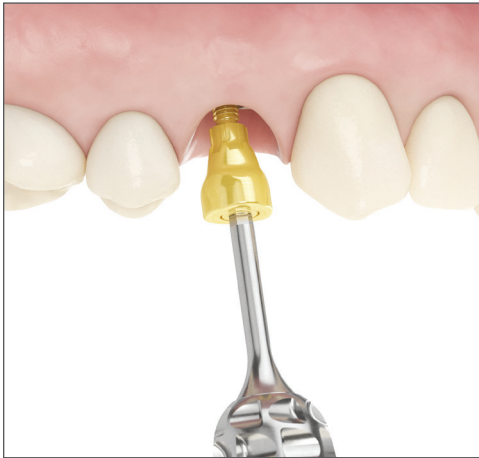
Implant Impression Technique: Closed Tray/Repositioning

Impression materials:

- Aquasil® Ultra+ Heavy (tray material)
- Aquasil® Ultra+ XLV (extra light viscosity wash material)

Implant system:

AstraTech Implant System EV



STEP 1

Uncover the implant removing the cover screw or gingiva former. The implant connection taper should be cleaned of any remaining tissue.



STEP 2

Insert the implant transfer until correctly fitted in the implant. Block the internal hex with wax prior to taking the impression.



STEP 3

Select an appropriate impression tray. Try in to make sure there is no interference with the transfer.



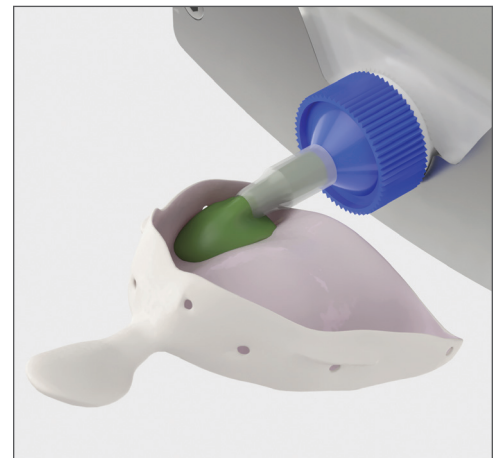
STEP 4

Apply a thin layer of Caulk® Tray Adhesive (or similar tray adhesive for VPS) to selected tray. Air dry for 5 minutes.



STEP 5

Bleed cartridges. Attach mixing tips to cartridges and/or prepare digit® cartridge. Attach intraoral tip to the mixing tip for wash material.



STEP 6

Fill tray with tray material. Ensure mixing tip stays in material when dispensing to avoid bubbles or voids.



STEP 7

Syringe wash material around the implant transfer simultaneously with Step 6. Keep intraoral tip within impression material and push material forward.



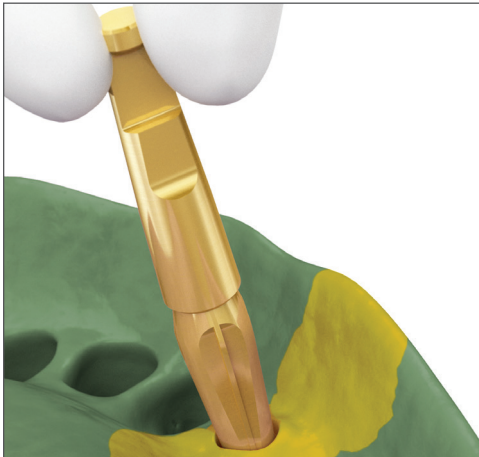
STEP 8

Insert tray into mouth within the intraoral working time of wash material. Use slow continuous vertical seating. Stabilize in patient's mouth and hold position without moving for minimum removal time of tray and wash material. Remove impression from mouth.



STEP 9

Once the impression material has set, remove the impression and then unscrew and remove the implant transfer. Position the gingiva former after impression taking in order to avoid the collapse of the created gingival emergence point and to protect the implant lumen.



STEP 10

Connect the implant analog to the transfer and reinsert the transfer into the impression. Make sure it is seated in the correct position. Check the impression and ensure there is sufficient impression material for stable retention of the implant transfer. Create a bite registration and impression of the antagonist arch. Disinfect and send to laboratory.



STEP 11

Laboratory: Prepare for duplication with a removable soft tissue mask by applying silicone around the implant replica site. Pour high quality stone and fabricate the master model.

Work and Set Times:

Fast Set Times

Wash Work Time (mouth temperature)	0'35"
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Tray Work Time (room temperature)	1'00"
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Mouth Removal Time	2'30"
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Regular Set Times

Wash Work Time (mouth temperature):	1'10"
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Tray Work Time (room temperature):	2'15"
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Mouth Removal Time:	5'00"
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Instructions for Use www.dentsply.eu/ifu

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MLA-578005 (R 5/5/17)

To accommodate all techniques and preferences, Aquasil® Ultra+ Impression Material is available in a variety of consistencies and set times other than those recommended for implant impressions here. Depending on your practice requirements, we offer a variety of delivery options: 50mL cartridge, DECA™ 380mL cartridge, and digit® unit dose. Contact your local authorized distributor or Dentsply Sirona Restorative for recommendations and specific details.

Learn more about Aquasil® Ultra+ Material and how it can benefit you and your practice by visiting www.aquasilultraplus.com.

Aquasil® Ultra+

Smart Wetting® Impression Material

Implant Impression Technique: Closed Tray/Repositioning

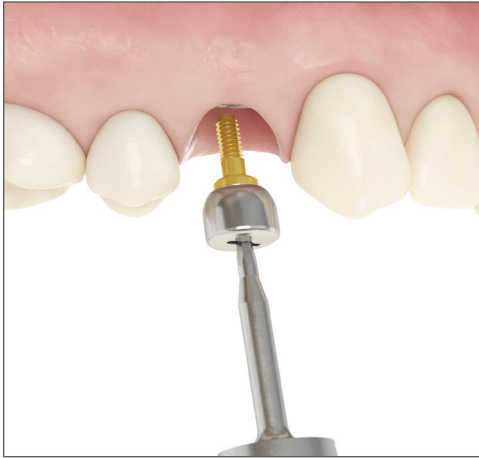
(using a transfer cap on a transfer or abutment)

Impression materials:

- Aquasil® Ultra+ Heavy (tray material)
- Aquasil® Ultra+ XLV (extra light viscosity wash material)

Implant system:

Xive® S



STEP 1

Uncover the implant removing the cover screw or gingiva former. The implant connection taper should be cleaned of any remaining tissue.



STEP 2

Insert the implant transfer/abutment until correctly fitted in the implant. Push the transfer cap onto it. Block any exposed internal hex with wax prior to taking the impression.



STEP 3

Select an appropriate impression tray. Try in to make sure there is no interference with the transfer/abutment and cap.



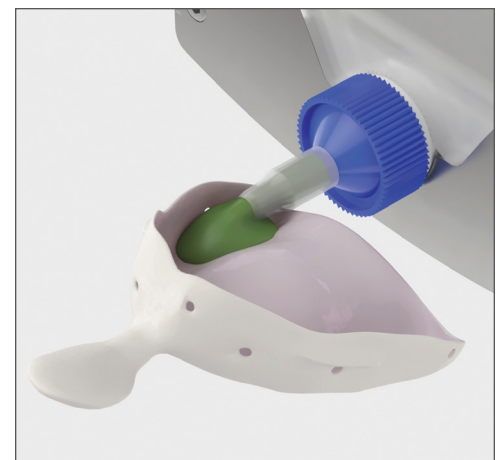
STEP 4

Apply a thin layer of Caulk® Tray Adhesive (or similar tray adhesive for VPS) to selected tray. Air dry for 5 minutes.



STEP 5

Bleed cartridges. Attach mixing tips to cartridges and/or prepare digit® cartridge. Attach intraoral tip to the mixing tip for wash material.



STEP 6

Fill tray with tray material. Ensure mixing tip stays in material when dispensing to avoid bubbles or voids.



STEP 7

Syringe wash material around transfer/abutment simultaneously with Step 6. Keep intraoral tip within impression material and push material forward.



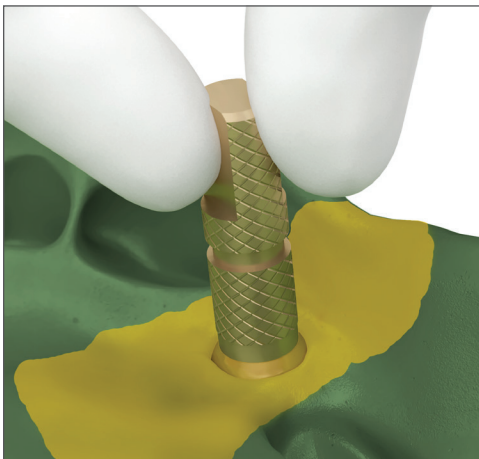
STEP 8

Insert tray into mouth within the intraoral working time of wash material. Use slow continuous vertical seating. Stabilize in patient's mouth and hold position without moving for minimum removal time of tray and wash material. Remove impression from mouth.



STEP 9

Once the impression material has set, remove the impression. The transfer cap remains in the impression. Then unscrew the implant transfer/abutment. Position the gingiva former after impression taking in order to avoid the collapse of the created gingival emergence point and to protect the implant lumen, OR create a temporary restoration on the abutment, if applicable.



STEP 10

Check the impression and ensure there is sufficient impression material so the cap is retained stably. Create a bite registration and impression of the antagonist arch. Disinfect and send to laboratory. Depending on the system, connect the implant analog to the transfer and reinsert the transfer into cap in the impression making sure it is seated in the correct position.



STEP 11

Laboratory: Prepare for duplication with a removable soft tissue mask by applying silicone around the implant replica site. Pour high quality stone and fabricate the master model.

Work and Set Times:	
Fast Set Times	
Wash Work Time (mouth temperature)	0'35"
Tray Work Time (room temperature)	1'00"
Mouth Removal Time	2'30"
Regular Set Times	
Wash Work Time (mouth temperature):	1'10"
Tray Work Time (room temperature):	2'15"
Mouth Removal Time:	5'00"

Rx Only
For Dental Use Only



Caution, Consult Instructions for Use



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MLA-578006 (R 5/5/17)

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Learn more about Aquasil® Ultra+ Material and how it can benefit you and your practice by visiting www.aquasilultraplus.com.

Aquasil® Ultra+

Smart Wetting® Impression Material

Implant Impression Technique: Open Tray/Pick-Up

Impression materials:

- Aquasil® Ultra+ Heavy (tray material)
- Aquasil® Ultra+ XLV (extra light viscosity wash material)

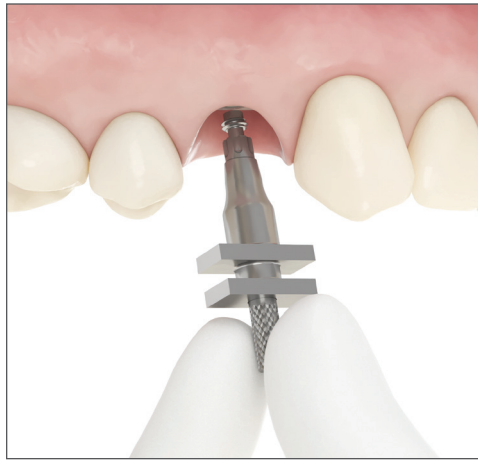
Implant system:

Ankylos C/X



STEP 1

Uncover the implant removing the cover screw or gingiva former. The implant connection taper should be cleaned of any remaining tissue.



STEP 2

Insert the transfer until correctly fitted in the implant. Block any internal hex with wax prior to taking the impression.



STEP 3

Select an appropriate impression tray. Create a hole in the tray for the implant transfer/screw. Make sure there is no interference and the hole lines up with the screw. After seating the tray, the screw head must be exposed to allow unscrewing after material set.



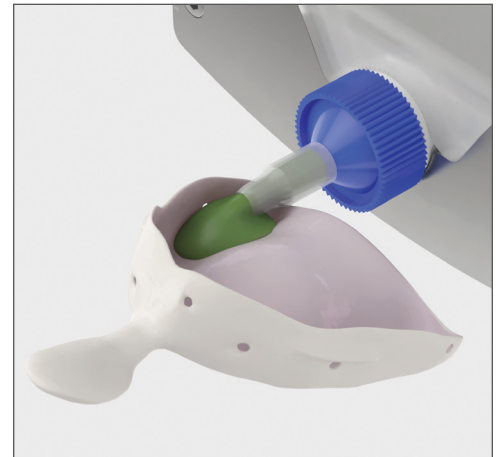
STEP 4

Apply a thin layer of Caulk® Tray Adhesive (or similar tray adhesive for VPS) to selected tray. Air dry for 5 minutes.



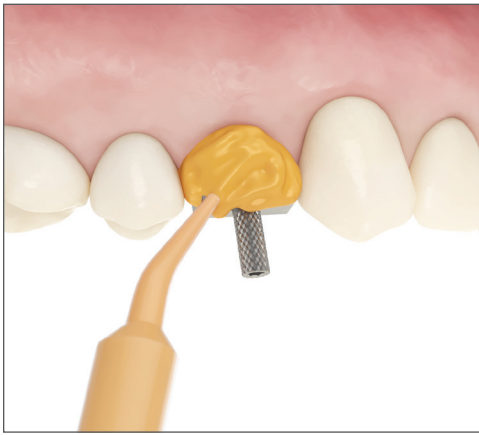
STEP 5

Bleed cartridges. Attach mixing tips to cartridges and/or prepare digit® cartridge. Attach intraoral tip to the mixing tip for wash material.



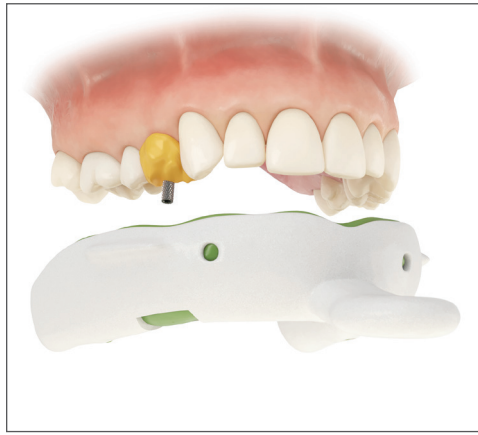
STEP 6

Fill tray with tray material. Ensure mixing tip stays in material when dispensing to avoid bubbles or voids.



STEP 7

Syringe wash material around the implant transfer simultaneously with Step 6. Keep intraoral tip within impression material and push material forward.



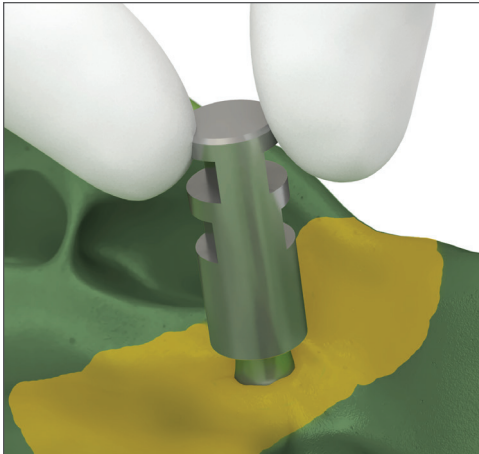
STEP 8

Insert tray into mouth within the intraoral working time of wash material. Use slow continuous vertical seating. Stabilize in patient's mouth and hold position without moving for minimum removal time of tray and wash material. Remove impression from mouth.



STEP 9

Once the impression material has set, undo the transfer screw and remove the impression. Make sure the screw is completely disengaged from the implant before removing the impression. The transfer remains in the impression. Position the gingiva former after impression taking in order to avoid the collapse of the created gingival emergence point and to protect the implant lumen.



STEP 10

Check the impression and ensure there is sufficient impression material for stable retention of the implant transfer. Connect the implant analog to the transfer in the impression or send to laboratory. Create a bite registration and impression of the antagonist arch. Disinfect and send to laboratory.



STEP 11

Laboratory: Prepare for duplication with a removable soft tissue mask by applying silicone around the implant replica site. Pour high quality stone and fabricate the master model.

Work and Set Times:	
Fast Set Times	
Wash Work Time (mouth temperature)	0'35"
Tray Work Time (room temperature)	1'00"
Mouth Removal Time	2'30"
Regular Set Times	
Wash Work Time (mouth temperature):	1'10"
Tray Work Time (room temperature):	2'15"
Mouth Removal Time:	5'00"



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