

Introducing
Virtual[®] XD *Extra Definition*



Make your first impression
your best impression!

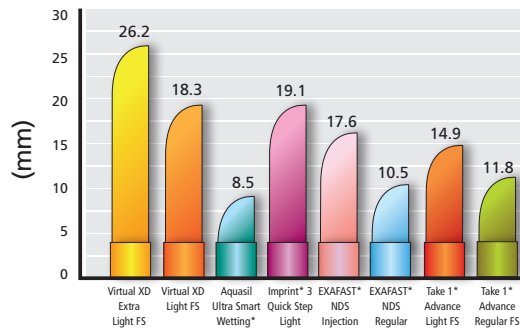
Make your best impression with **Virtual® XD**

Optimized Flow Characteristics

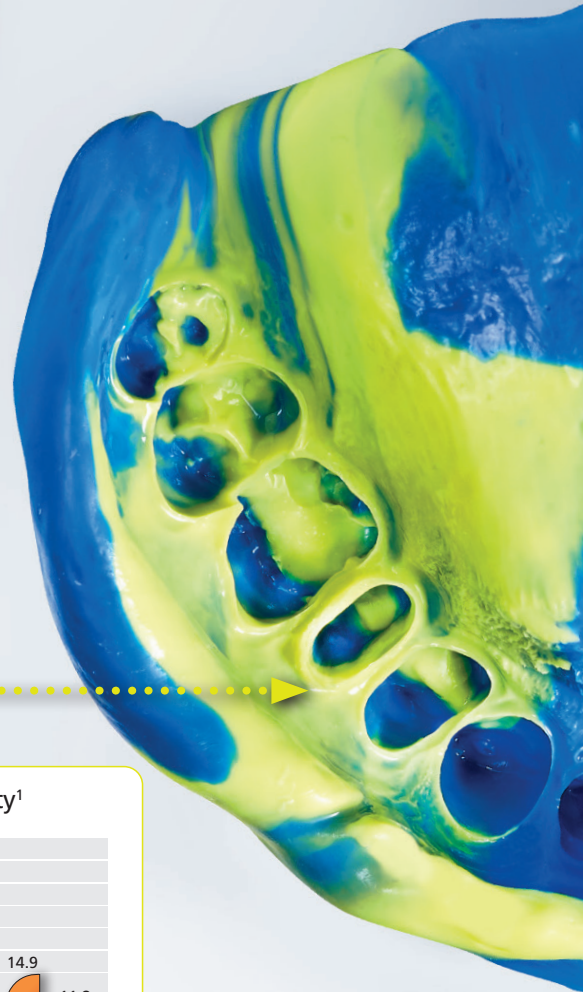
Virtual XD wash materials have been engineered to provide greater control when making final crown & bridge impressions. Once dispensed, the wash materials are designed to remain on the preparation surfaces until pressure is applied preventing them from flowing uncontrollably into undesired areas. Once pressure is applied, the wash materials flow deep into the sulcus, displacing oral fluids and capturing the fine details of margins and all prepared surfaces.

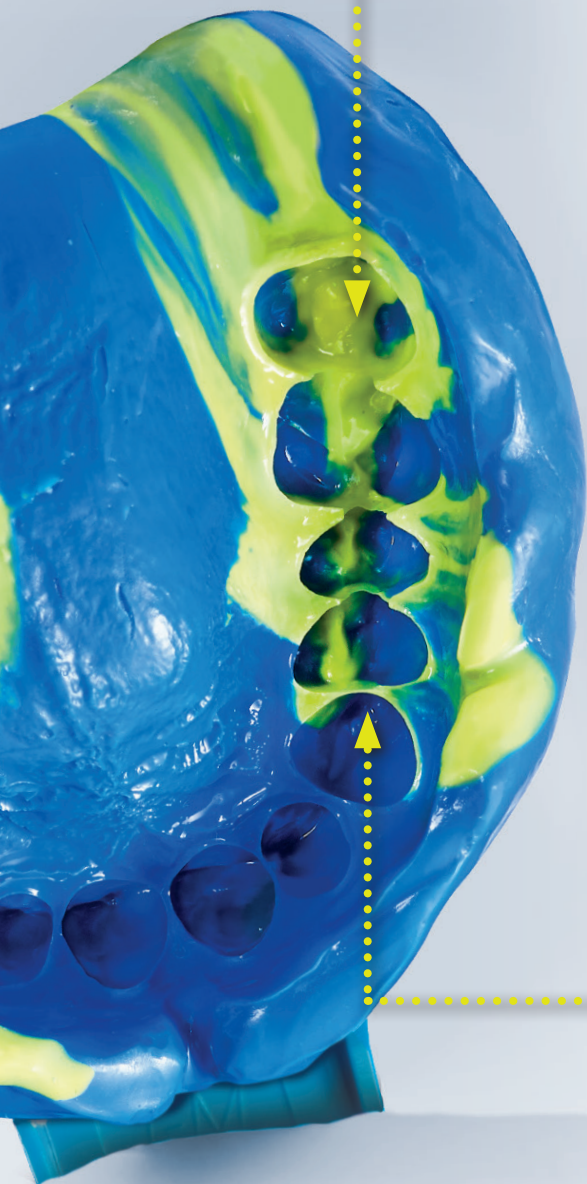
Virtual XD wash materials are available in two viscosities; Light Body (orange) and Extra Light Body (yellow)

"Shark Fin" Test - Flowability¹



When compared to other leading brands of VPS impression materials, Virtual XD wash materials do not run "uncontrollably", yet are able to penetrate deeper into the sulcus for better impressions.



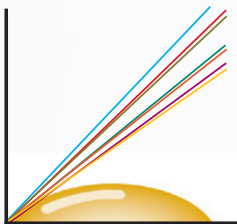


Advanced Wetting Ability

Virtual XD wash materials exhibit very low contact angles allowing them to thoroughly “wet” the surfaces of moist dentition and gingival tissue. The ability of the Virtual XD wash materials to spread easily across preparation surfaces capturing fine detail results in impressive impressions of extraordinary precision and Extra Definition.

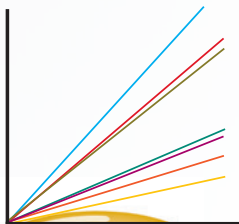
Contact Angle Measurements¹

“Unset” VPS Impression Materials



Brand	Contact Angle
Virtual XD XLB	33°
Imprint 3 Quick Step	33°
Virtual XD LB	36°
Aquasil Ultra LV	37°
Take 1 Advanced RB	42°
Take 1 Advanced LB	43°
Exafast NDS RB	48°

“Set” VPS Impression Materials



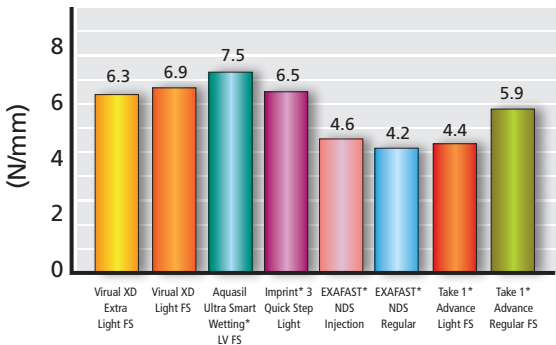
Brand	Contact Angle
Virtual XD XLB	10°
Virtual XD LB	14°
Imprint 3 Quick Step	17°
Aquasil Ultra LV	18°
Take 1 Advanced RB	35°
Take 1 Advanced LB	37°
Exafast NDS RB	48°

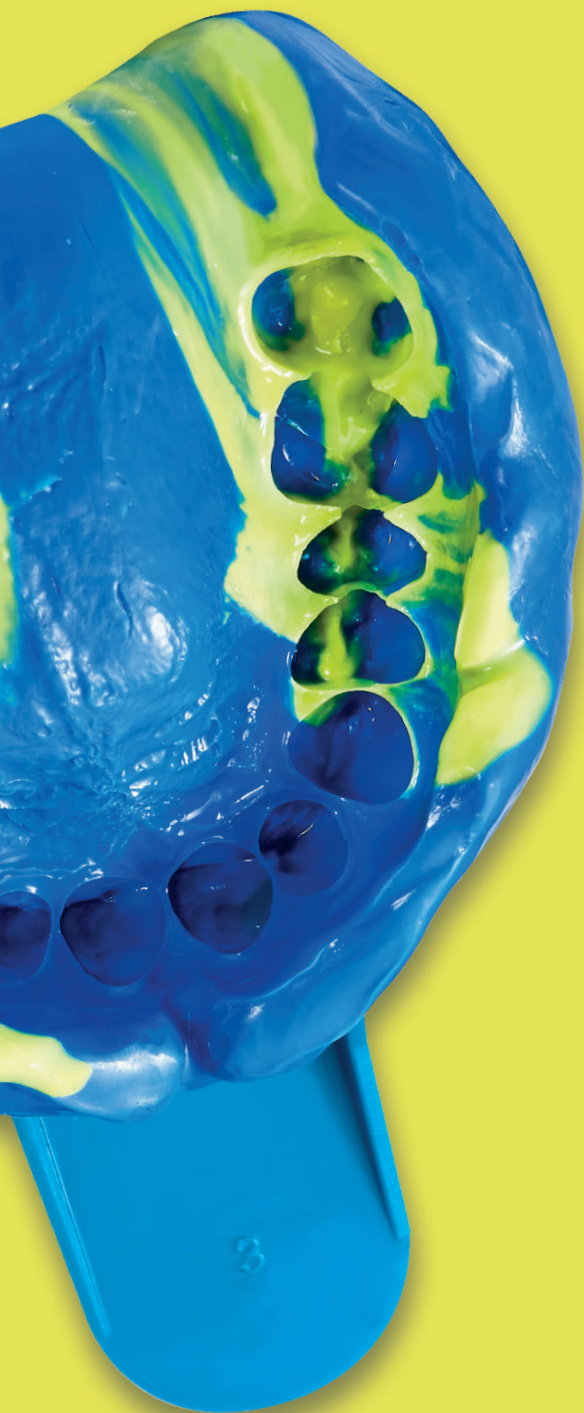
Virtual XD wash materials exhibit lower contact angles than other leading competitive brands for more precise detail reproduction.

High Tear Strength

Excellent tear resistance combined with outstanding elongation & recovery properties make removal of Virtual XD impressions easy while reducing the risk of tearing fine margins. With Virtual XD, high level definition of the final impression is maintained even in cases that involve preparations below the gum line.

Tear Strength¹





The makers of **IPS e.max®** bring you an advanced line of VPS impression materials featuring **Extra Definition** wash materials resulting in more accurate and better fitting restorations.

- **Optimized flow characteristics** for deeper penetration into the sulcus and improved coverage of the preparation.
- **Advanced wetting ability** for precise detail reproduction of both soft and hard tissue.
- **High tear strength** to maintain the integrity of preparation margins and fine detail upon removal of the impression.

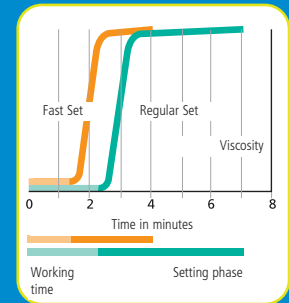
Try Virtual XD and see your next case in Extra Definition!



*All Virtual XD materials
feature a fresh minty scent for the
ultimate in patient comfort!*

Advanced Thermosensitive Properties

The thermosensitive characteristics of Virtual XD allow the setting reaction to be accelerated immediately after the impression tray is seated in the patient's mouth. This saves valuable chair time and ensures high quality impressions by reducing the risk of deformation that may be caused by movement of the impression tray during the setting time.



Dimensional Stability

As Virtual XD impressions maintain their dimensional stability for up to two weeks, there is no need to pour models immediately. Virtual XD impression materials are easy to disinfect and several models can be poured from one impression.

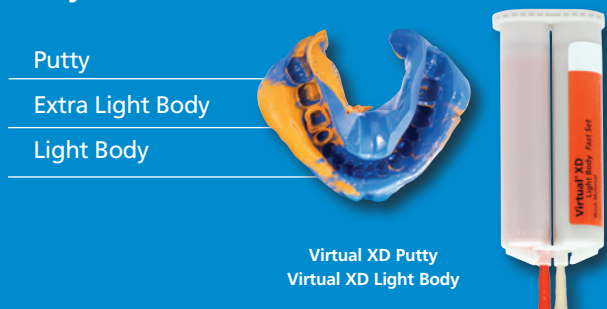
Compatible with all Impression Techniques

Virtual XD is designed to accommodate all popular impression techniques allowing you to choose the materials and technique best suited for each individual case.

Dual Phase One-Step



Putty/Wash



Viscosity	Extra Light Body	Light Body	Heavy Body	Putty
Color	Yellow	Orange	Blue	Blue
Working time				
Fast	1:15 min	1:15 min	1:15 min	1:15 min
Regular	1:25 min	1:25 min	1:25 min	1:25 min
Time in mouth				
Fast	2:30 min	2:30 min	2:30 min	2:30 min
Regular	3:30 min	3:30 min	4:30 min	4:30 min

The Virtual® Mixer

The Virtual® Mixer is an automatic mixing machine specifically designed for fast and efficient dispensing of impression materials packaged in 380 ml cartridges.



- Designated mixing program
- Two mixing speeds
- A wall-mount attachment is available separately offering additional placement options

Virtual® XD 380

The homogenous consistency and high final hardness make Virtual XD 380 Heavy Body an ideal tray material for use in combination with all Virtual XD wash materials. Virtual XD 380 is available in both fast and regular working & setting times.



	Working Time	Mouth Set Time
Fast Set:	1:15 min.	2:30 min.
Regular Set:	1:25 min.	4:30 min.

Virtual® XD VPS Impression Materials

Product Code	Set Time	Contents
Virtual® XD Extra-Light Body 646467 646468	Fast Set Regular Set	2 – cartridges (50 ml each) 12 – small mixing tips
Virtual® XD Light Body 646461 646462	Fast Set Regular Set	2 – cartridges (50 ml each) 12 – small mixing tips
Virtual® XD Heavy Body 646459 646460	Fast Set Regular Set	2 – cartridges (50 ml each) 6 – large mixing tips
Virtual® XD 380 Heavy Body 646448 646449	Fast Set Regular Set	2 – cartridges (380 ml each) 15 – mixing tips 2 – bayonet rings
Virtual® XD Putty 646465 646466	Fast Set Regular Set	1 – tub (300 ml) base 1 – tub (300 ml) catalyst

Virtual XD is compatible with all accessories in the Virtual line of impression materials.

Virtual® Accessories

Product Code	Size	Contents
Virtual® Tray Adhesive 562841AN	10 ml	1 – bottle
Virtual® Dispenser 562849	1:1 Dispenser	1 – dispenser
Virtual® Mixing Tips 562844 562845	Large (turquoise) Small (yellow)	48 – mixing tips
Virtual® Intra-Oral Tips 562846 562847	Large (clear) Small (yellow)	100 – intra-oral tips
Virtual® Mixer 655988	120 V, 60 Hz	1 – automatic mixer 1 – power cord
Virtual® Mixer Wall Mount 655987	Compact Wall Mount	1 – base 1 – mounting plate 5 – screws 3 – wall anchors 1 – Allen wrench
Virtual® 380 Mixing Tips 600158	Standard (yellow)	50 – mixing tips
Virtual® 380 Bayonet Ring 600159	Standard (yellow)	2 – bayonet rings

RE-ORDER INFORMATION

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