

Product Catalogue 2020



ACKURETTA

2020 July


FreeShape120

In the past year, LCD 3D printing has matured into a more reliable technology. Using Ackuretta's technical expertise and industry knowledge, our team has developed FreeShape 120, a desktop LCD printer that delivers smooth surface prints with a price-point ideal for the entry-level market.





- ◆ Chair-side 3D Printer: 25 x 23 x 38 cm
- ◆ Open Material System
- ◆ High Resolution: 47 µm
- ◆ Smooth Surface Printing

- Includes:
- 1 Year limited parts warranty*
 - 2 Vat Flms
 - 1 Build Platform
 - 1 Vat Frame
 - 2 Spare Print Screen panels
 - 1 Alpha 3D lifetime software



Product Photo	Product Code	Product Name	Build Platform Size	X Y Resolution	Slice Thickness	Price (USD)
	FP13001G305	FreeShape120	120 x 68 x 140 mm	47 µm	25 - 100 microns	\$2,499

Machine Add-ons

			Price (USD)
	KT110060305	FreeShape Vat Frame	\$150
	KT110020205	Vat Film Pack	\$150
	KT110050305	FreeShape Build Platform	\$150
	KT110010305	Print Screen Pack	\$300

FreeShape 120 Finishing Kit*

The FreeShape Finishing Kit is a simple, intuitive kit to transform your 3D prints into durable, safe to handle, and professional-grade end products.

RECOMMENDED FOR JEWELRY, DENTISTRY, AND MANUFACTURING.

Product Photo	Product Code	Product Name	Items Included	Price (USD)
	KT100010105	Finishing Kit	1 General UV Oven, 1 FreeShape Ultrasonic Cleaner	\$500

* This Finishing Kit is only available with purchase of the FreeShape 120 3D printer.

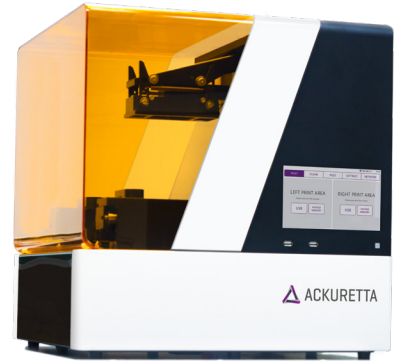
3D PRINTERS


Diplo

Diplo

Diplo's patented Multi-optical Reflective System (MORS) is capable of printing two print areas simultaneously. This, along with speeds reaching 10cm/hr, makes the Diplo an ideal solution for jewelry, dental, and manufacturing professionals.


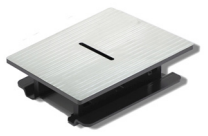

- ◆ Intelligent Pressure Sensor Technology (IPST) for rapid print speed of up to 10cm per hour
- ◆ Multi-Optical Reflective System (MORS) technology for two build areas
- ◆ Open Material System: compatible with third-party materials
- ◆ Auto-calibration
- ◆ Powerful 405nm UV LED projector
- ◆ Dynamic Z-resolution at 5-100 μm
- ◆ Full-color capacitive touchscreen



Product Photo	Product Code	Product Name	Build Platform Size	Accuracy*	Slice Thickness	Price (USD)
	FP100010103	Diplo D140	Dual Build Areas: 2x (140 x 78 x 110 mm)	$\pm 37 \mu\text{m}$	5-100 microns	\$33,000

*Accuracy may vary depending on building parameters, part geometry and size, part orientation, material, and post-processing.

Machine Add-ons

Product Photo	Product Code	Product Name	Price (USD)
	KT210020103	Diplo Vat	\$450
	KT210010103	Diplo Build Platform	\$600
	KT110010103	Diplo Starter Kit (includes 1 Ackuray Build Platform and 3 Ackuray Vats)	\$1,950



Diplo Starter Kit



The Diplo Starter Kit lets you print and interchange your resins quickly and easily, making it possible for continuous printing for different applications.

Ackuray DLP Series

The Ackuray 3D printers deliver high-resolution prints at rapid speeds for premium, large volume production suitable for jewelry, dental, manufacturing, and prototyping.

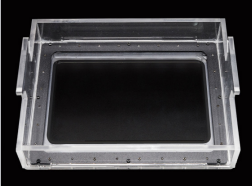

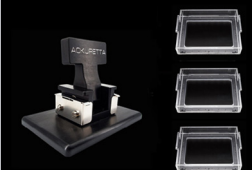
- ◆ Fast print speed of up to 4cm/hr
- ◆ Open Material System: compatible with third-party materials
- ◆ Auto-calibration
- ◆ Powerful 405nm UV LED projector
- ◆ Dynamic Z-resolution at 1-100 μm
- ◆ Quick and easy material changeover

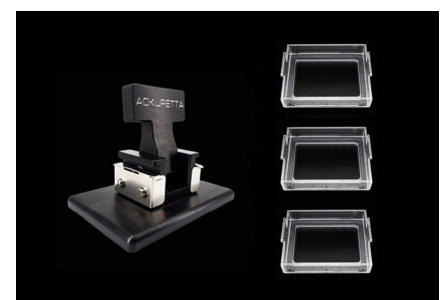


Product Photo	Product Code	Product Name	Build Platform Size	Accuracy*	Slice Thickness	Price (USD)
	FP100010101	Ackuray A96	96 x 54 x 130 mm	± 25 μm	1-100 microns	\$18,900
	FP100010102	Ackuray A135	135 x 76 x 130 mm	± 35 μm	1-100 microns	\$18,900

*Accuracy may vary depending on building parameters, part geometry and size, part orientation, material, and post-processing.

Machine Add-ons

Product Image	Product Code	Product Name	Price (USD)
	KT210020101	Ackuray Vat	\$300
	KT210010101	Ackuray Build Platform	\$600
	KT110010101	Ackuray Starter Kit (Includes 1 Ackuray Build Platform and 3 Ackuray Vats)	\$1,400



Ackuray Starter Kit

The Ackuray Starter Kit lets you print and interchange your resins quickly and easily, making it possible for continuous printing for different applications.

MATERIALS

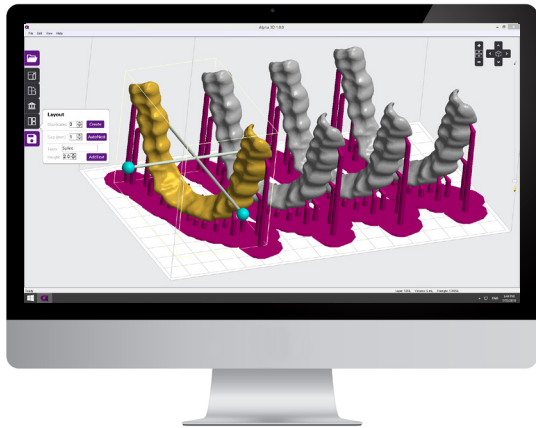
Ackuretta Resins

Ackuretta Resins

Tested by experts, our materials ensure your creations look, feel, and function precisely as you want it to. Print with Ackuretta materials for a wide range of applications.

- ◆ High accuracy
- ◆ Dimensional stability
- ◆ Strength and durability

Product Name	Product Code	Color	Applications	Price (USD)
CURO Model (1Kg)	KT220430101	Caramel	Applications: Dental Models, Die Fits	\$195
CURO Guide (1Kg)	KT220380101	White-Transparent	Applications: Surgical Guides, Splints	\$305
CURO Temp A2 (1Kg)	KT220360101	Ivory	Applications: Denture Bases, Temporary Bridges & Crowns	\$330
CURO Temp A3 (1Kg)	KT220370101	Ivory	Applications: Denture Bases, Temporary Bridges & Crowns	\$330
CURO Denture Dark Pink (1Kg)	KT220340101	Pink	Applications: Denture Bases	\$330
CURO Denture Light Pink (1Kg)	KT220350101	Pink	Applications: Denture Bases	\$330
CURO Tray (1Kg)	KT220200101	Blue	Applications: Custom Impression Trays	\$235
CURO Splint (1Kg)	KT220440101	White-Transparent	Applications: Splints, Mouth Guard	\$330
CURO Gingiva (1Kg)	KT220400101	Pink	Applications: Flexible Gum Masks	\$330
CURO Cast (1Kg)	KT220390101	Cherry red	Applications: Castable Bridges & Crowns, Removable Partial Dentures	\$330
CURO I-B-T (1Kg)	KT220420101	White-Transparent	Applications: I-B-T	\$330
QuraABS(1Kg)	KT220160101	Black	Manufacturing: Prototypes, Replacement Parts, Tools & Jigs, Scale Models, Casing, Injection Molding	\$200
QuraGuide(1Kg)	KT220210101	White-Transparent	Application: Surgical Guides, Splints	\$250
Ceramic Resin (1Kg)	KT220150101	White	Jewelry, Prototyping, Manufacturing	\$550



Alpha 3D – Standard



Features:

- Supports: manual, automatic
- Mesh repair: automatic
- Mesh modification: rescale
- Slicer: slice viewer, preset material settings, anti-aliasing

Product Name	Product Code	Level		License		Price
Alpha 3D	SW100040101	Standard		3-months		Free
Cone Supports	Tree Supports	Auto Support	Auto Mesh Repair	Anti-Aliasing	Preset Material Settings	Import File Type
✓		✓	✓	✓	✓	.STL, .TRI



Omega 3D – Professional FOR Diplo ONLY



Features:

- Supports: manual, automatic, tree
- Mesh repair: automatic
- Mesh modification: rescale
- Slicer: slice viewer, preset material settings, anti-aliasing

Product Name	Product Code	Level		License		Price
Omega 3D	SW100050101	Standard		Lifetime		\$2000
Cone Supports	Tree Supports	Auto Support	Auto Mesh Repair	Anti-Aliasing	Preset Material Settings	Import File Type
✓	✓	✓	✓	✓	✓	.DXF, .OBJ, .STL

SUPPORT

Customer Support

Support Plans

	Support Plan (USD)	Standard Support (USD)
Product Code		RS100010105
Price	\$79	FreeShape 120 - \$299
Support length	1 hour	Lifetime
Machine warranty	-	1 year
Product updates	✓	✓
Email response time	Standard 2 business days	Standard 2 business days
Product usage support	✓	✓
Machine diagnostics	-	✓
Print file checking	-	✓
Training	Video tutorials Manuals	1-hour direct training machine, software, maintenance
Direct support	1 hour	2 hours

On-Site Support and Extended Warranty

	On-Site Support *(USD)	Extended Warranty ** (USD)
Product Code	RS100030105	RS100040105
Price	\$800, not including travel, accommodation, taxes or other fees	Ackuray - \$3000 Diplo - \$6000
Support length	Per day	Based on the support plan
Machine warranty	As other plans	+1 year
Product updates	✓	✓
Email response time	As other plans	Based on the support plan
Product usage support	✓	-
Machine diagnostics	✓	-
Print file checking	✓	-
Training	Any	-
Direct support	8 hours	-

*On-site support may be given for support, training, or repair purposes, and the purpose must be clearly stated before the representative can be sent. Support representatives sent for one purpose may be unable to perform support for other purposes. On-site support is charged on a daily basis, and all 8 hours of support are consumed per day of support. All other costs will be discussed with the sales team prior to sending the support personnel. Additional costs of components, parts, tools, or other relevant items may apply.

**Any extension of the warranty is purchased per machine. All warranty purchases must be continuous with the first year of product warranty. Ackuretta reserves the right to limit the maximum number of years of the warranty extension.

Jewelry Finishing Kit

Post-processing with Ackuretta 3D printers is easy with the Ackuretta Finishing Kits. Made for both beginners and professionals, the Jewelry Essential and Full Finishing Kits transform your 3D prints into castable, detailed, and professional-grade jewelry.

RECOMMENDED FOR JEWELRY.



Product Photo	Product Code	Product Name	Items Included	Price (USD)
	KT100040101	Essential Finishing Kit - Jewelry	1 Jewelry UV Oven (+ UV Glasses), 1 Air Blower, 1 Pair of Scissors, 1 Utility Knife	\$1,400
	KT100060101	Full Finishing Kit - Jewelry	1 Jewelry UV Oven (+ UV Glasses), 1 Air Blower, 1 Pair of Scissors, 1 Utility Knife, 1 Ultrasonic Cleaner, 1 Ultrasonic Cutter, 1 Mesh Filter, 1 Funnel, 1 Rubber Spatula, 1 Gloves, 1 Tweezers	\$2,800

FINISHING KIT



Dental

General Finishing Kit

Post-processing with Ackuretta 3D printers is easy with the Ackuretta Finishing Kits. Made for both beginners and professionals, the Essential and Full Finishing Kits transform your 3D prints into durable, safe to handle, and professional-grade end products.

RECOMMENDED FOR DENTISTRY AND MANUFACTURING.

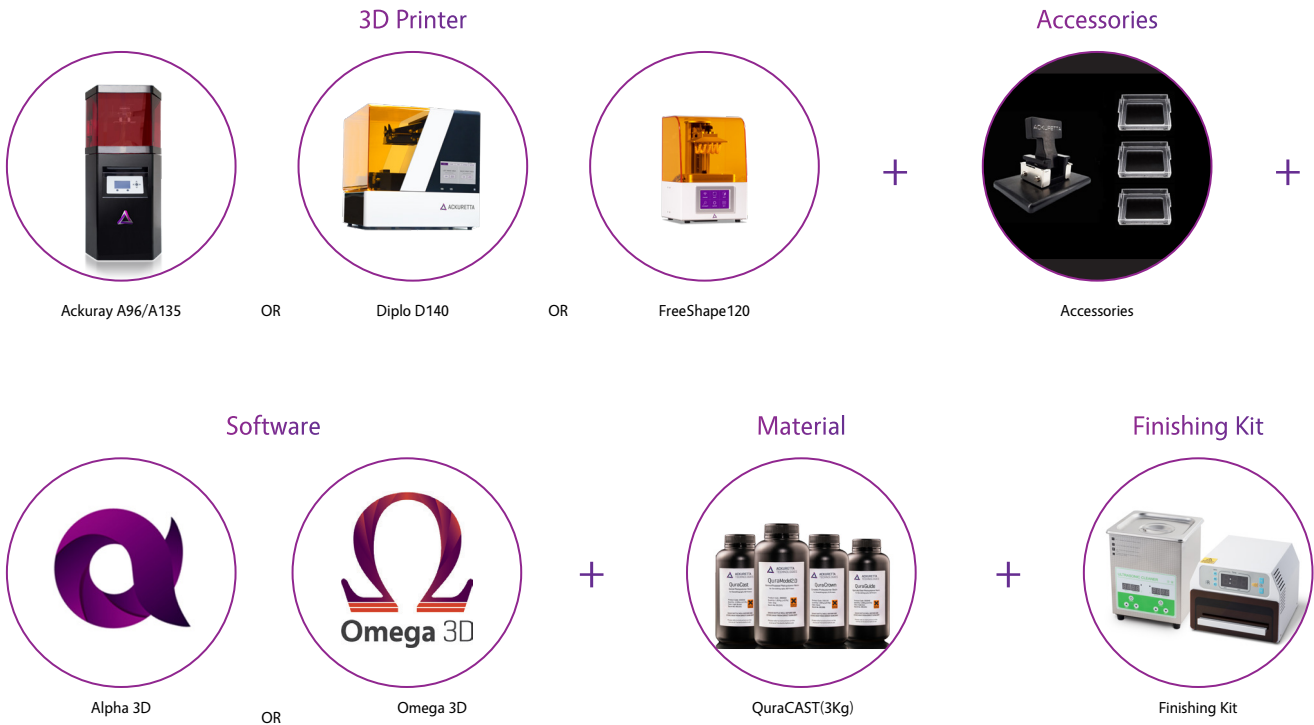


Product Photo	Product Code	Product Name	Items Included	Price (USD)
	KT100030101	Essential Finishing Kit - General	1 General UV Oven (+ UV Glasses), 1 Air Blower, 1 Pair of Scissors, 1 Utility Knife	\$700
	KT100050101	Full Finishing Kit - General	1 General UV Oven (+ UV Glasses), 1 Air Blower, 1 Pair of Scissors, 1 Utility Knife, 1 Ultrasonic Cleaner, 1 Ultrasonic Cutter, 1 Mesh Filter, 1 Funnel, 1 Rubber Spatula, 1 Gloves, 1 Tweezers	\$2,300

Complete 3D Printing Solutions for Jewelry

Start your 3D printing with a comprehensive kit of tools and materials to produce continuous and consistent high quality products.

RECOMMENDED FOR JEWELRY.



Jewelry Product Kits

Product Name	Items Included	Price (USD)
Standard Jewelry Kit	<ul style="list-style-type: none"> 3D Printer 1 Ackuray/FreeShape/Diplo Software 1 Alpha 3D (lifetime license) Material 3 Bottles of QuraWAX HD/QuraCAST(1Kg each) Finishing Kit 1 Essential Finishing Kit - Jewelry 	Please contact an Ackuretta sales representative for a quotation. Also you can mail us for more information. sales@ackuretta.com
Advanced Jewelry Kit	<ul style="list-style-type: none"> 3D Printer 1 Ackuray/FreeShape/Diplo Starter Kit 1 Ackuray Starter Kit (3 Vats & 1 Build Platform) Software 1 Omega 3D (lifetime license) Material 3 Bottles of QuraWAX HD/QuraCAST (1Kg each) Finishing Kit 1 Full Finishing Kit - Jewelry 	

Complete 3D Printing Solutions for Dentistry

Start your 3D printing with a comprehensive kit of tools and materials to produce continuous and consistent high quality products.

RECOMMENDED FOR DENTISTRY.



Dental Product Kits

Product Name	Items Included	Price (USD)
Standard Dental Kit	<p>3D Printer 1 Ackuray/FreeShape/Diplo</p> <p>Accessories Vat and Build platform</p> <p>Software 1 Alpha 3D (lifetime license)</p> <p>Material 3 Bottles of QuraMODEL 2.0(1Kg each)</p> <p>Finishing Kit 1 Essential Finishing Kit - General</p>	<p>Please contact an Ackuretta sales representative for a quotation. Also you can mail us for more information. sales@ackuretta.com</p>
Advanced Dental Kit	<p>3D Printer 1 Ackuray/FreeShape/Diplo</p> <p>Starter Kit 1 Ackuray Starter Kit (3 Vats & 1 Build Platform)</p> <p>Software 1 Omega 3D (lifetime license)</p> <p>Material 3 Bottles of QuraMODEL 2.0 (1Kg each)</p> <p>Finishing Kit 1 Full Finishing Kit - General</p>	



Every detail matters.



ACKURETTA

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