



Ceramic Crown



LT Crown UV

⌚ 80 crowns in 51 min (50 μm)

⚡ 667 pcs/kg



Temporary Crown



Temp C&B UV

⌚ 80 crowns in 45 min (50 μm)

⚡ 804 crowns/kg



Try in Implant Denture



Try-in UV

⌚ 6 pcs in 28 min (100 μm)

⚡ 53 pcs/kg



Try in Denture



Try-in UV

⌚ 5 pcs in 80 min (100 μm)

⚡ 39 pcs/kg



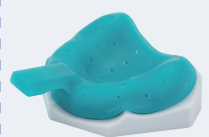
Surgical Guide



Surgical Guide UV

⌚ 10 pcs in 33 min (100 μm)

⚡ 135 pcs/kg



Custom Tray



Tray UV

⌚ 10 pcs in 78 min (250 μm)

⚡ 38 pcs/kg



Cast



Cast UV

⌚ 7 lower RPD in 52 min (50 μm)

⚡ 210 RPDs /kg

Resin Partners

keystone  
industries

SAREMCO

DETAX  
Chemistry with passion

PacDent  
Passion for Excellence

# 04 Specifications

## ULTRACRAFT A2D HD

|                       |                                          |
|-----------------------|------------------------------------------|
| Build Volume          | 6.42 x 3.61 x 4.33 in                    |
| Resolution            | 1920 × 1080 p (HD)<br>3840 × 2160 p (4K) |
| Accuracy              | ±42.5 μm (HD)<br>±21.3 μm (4K)           |
| Wavelength            | 385 nm & 405 nm                          |
| Dimensions and Weight | 16.70 x 15.00 x 32.40 in/41.6 kg         |

## ULTRACRAFT Wash

|                       |                                  |
|-----------------------|----------------------------------|
| Volume                | 20 models                        |
| Time                  | 4–6 min                          |
| Agent                 | Isopropanol (99%), Ethanol (95%) |
| Dimensions and Weight | 13.82 x 10.71 x 6.61 in/8 kg     |

## ULTRACRAFT AirCure

|                       |                                  |
|-----------------------|----------------------------------|
| Volume                | 6 models                         |
| Time                  | 7 min                            |
| Curing Method         | Dry Cure, Water Cure, Agent Cure |
| Dimensions and Weight | 12.20 x 11.81 x 9.65 in/6 kg     |

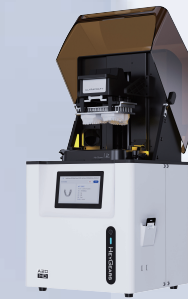
## Pulsing Release Kit

### Pulsing Release Module

|                       |                             |
|-----------------------|-----------------------------|
| Dimensions and Weight | 12.20 x 5.83 x 9.25 in/3 kg |
| Input                 | 24V DC                      |
| Power                 | 25W                         |

### HT Resin Tank

|                       |                            |
|-----------------------|----------------------------|
| Dimensions and Weight | 11.3 x 8.31 x 2.13 in/1 kg |
| Volume                | 670ml                      |



# ULTRACRAFT A2D HD

## Small but Automatic Desktop Mini-Lab



### High-speed Batch Production

- 5 full arch models in 20 min



### High Economic Benefit

- Lifespan of 1 DLP ≥ 30 LCD screens



### Efficient Workflow

- One-click part removal
- Easy support peeling



### High-quality End Products

- 4K resolution
- Polish-free solution



\*Data based on HeyGears lab

# 01 Fixed Restoration Models Solution



**70%**  
Increase in  
Production Efficiency

- AI design ready in 1 min

Scan to Model  
including die, contact model,  
model with articulator

- Lay out by case, ease the  
sorting process



- 95% multi-batch print  
consistency\*

- Contact point difference  
≤0.05 mm

## HeyGears

20 models  
in 2 hrs

⌚ 6 min/model

1

Design  
20 min

2

Pre-Processing  
& Printing  
76 min

3

Post Processing  
20 min

Final Products

## Others

20 models  
in 6.5 hrs

⌚ 20 min/model

Design  
120 min

Pre-Processing  
& Printing  
210 min

Post Processing  
70 min

Final Products

VS

# 02 Splints Solution



**AI Design,  
High Transparency,  
Polish-Free**

## AI Design

- AI design ready in 1 min



## High Transparency

- 88% light transmittance  
for splints\*

## Polish Free

- Smart support placement  
avoids front teeth
- 70% smaller contact point  
area
- 30% less support resin  
used\*\*

## HeyGears

9 splints  
in 4.5 hrs

⌚ 0.5 hrs/pcs

1

Design  
9 min

2

Pre-Processing  
& Printing  
255 min

3

Post Processing  
9 min

Final Products

## Others

1 splint  
in 6 hrs

⌚ 6 hrs/pcs

Design  
30 min

Pre-Processing  
& Milling  
300 min

Post Processing  
30 min

Final Products

VS

# 03 Covering 4 major fields, 50+ applications



## Model GP

⌚ 10 models in 38 min (75 μm)

⚡ 132 models/kg

## Model WW

⌚ 10 models in 35 min (75 μm)

⚡ 132 models/kg



## Model GP

⌚ 4 models in 49 min (75 μm)

⚡ 46 models/kg

## Gingiva UV

⌚ 40 gingiva masks in  
45 min (50 μm)

⚡ 945 pcs/kg



## Model WW

⌚ 4 models in 29 min (100 μm)

⚡ 42 models/kg



## Model WW

⌚ 5 models in 20 min (100 μm)

⚡ 99 models/kg



## Hard Splint UV

⌚ 9 pcs in 145 min (100 μm)

⚡ 88 pcs/kg

## Soft Splint UV

⌚ 9 pcs in 249 min (100 μm)

⚡ 88 pcs/kg



## On-X Teeth Try-in UV

⌚ 6 pcs in 43 min (100 μm)

⚡ 53 bridges/kg

## Denture Try-in UV



## Denture Try-in UV

⌚ 6 pcs in 198 min (50 μm)

⚡ 41 pcs/kg

## Tough Teeth For Try-in UV

⌚ 10 pcs in 59 min (50 μm)

⚡ 165 pcs/kg



## Flexible Try-in UV

⌚ 17 pcs in 55 min (50 μm)

⚡ 303 pcs/kg

## Tough Teeth For Try-in UV

⌚ 109 pcs in 48 min (50 μm)

⚡ 804 crowns/kg

\*The printing accuracy of the same model  
produced over multiple consecutive prints vary  
by ±5% or less across 95% of multi-batch prints.

\*HeyGears Lab, using KeyPrint@ KeySplint Hard® Clear: HT Resin Tank (50 μm)  
\*\*Reduced material usage data compared with UltraCraft A2D's F2-D resin tank.