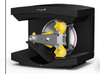
DATA SUBMITTED BY MANUFACTURERS

COMPANY	3Shape	Amann Girrbach	Amann Girrbach	Dentsply Sirona	Imetric 4D Imaging	Kulzer, LLC.	Medit	Medit	Shining 3D Tech Co., Ltd	smart optics
Product	E4	Ceramill Map 200+	Ceramill Map 600	inEos X5	L2 Series	cara Scan 4.0	Medit T300	Medit T500	AutoScan-DS-EX Pro	scanBox
SPECIFICATIONS										
Processing Technology	Blue LED	Stripe light	Blue LED, Stripe light	Blue LED	White light	Blue LED	Blue LED	Blue LED	Structured light	Stripe Light, White light LED
Number of Scanning Axes	3	2	3	5	2	2	2	3	3	2
Scanning Accuracy (µm)	4	5	5	-	5	15	7	7	10	10
Scaner File Output	Proprietary, STL	STL, PLY	STL, PLY	Proprietary, STL	STL, other	STL, OBJ, ASC, PLY	STL, OBJ	STL, OBJ	STL, OBJ, PLY	STL, PLY
SCAN CAPABILITY										
Single Die	●	●	●	●	●	●	●	●	●	●
Multiple Dies Individually	●	●	●	●	●	●	●	●	●	●
Two Full-Arch Models	-	-	●	-	●	-	●	●	●	●
Bite Registration	●	●	●	●	●	●	●	●	●	●
Sectioned/Trimmed Model	●	●	●	●	●	●	●	●	●	●
Implant Abutment	●	●	●	●	●	●	●	●	●	●
Multiple Dies Simultaneously	●	●	●	●	●	●	●	●	●	●
Full-Arch Model	●	●	●	●	●	●	●	●	●	●
Wax-up	●	●	●	-	●	●	●	●	●	●
Opposing Arch	●	●	●	●	●	●	●	●	●	●
Impression	●	●	●	●	●	●	●	●	●	●
Other	-	-	●	-	-	-	-	Denture	-	●
SCAN TIME (MINUTES)										
Single Die	-	0:32	0:32	1:00	0:16	-	0:24	0:12	0:12	0:29
Full-Arch Model	0:09	0:30	0:30	3:00	0:16	-	0:24	0:12	0:12	0:18
Opposing Arch	-	0:33	0:33	1:00	0:16	-	0:24	0:12	-	0:18
Unsectioned Model	-	-	-	1:00	0:16	-	0:24	0:12	-	-
Implant Abutment	-	-	-	1:00	0:16	-	0:24	0:12	-	-
3-Unit Bridge	-	-	-	2:00	0:16	-	0:48	0:24	-	0:40
Bite Registration	-	-	-	1:00	0:16	-	0:24	0:12	0:08	0:20
Sectioned/Trimmed Model	-	-	-	1:00	0:16	-	0:24	0:12	-	-
Impression	0:45	-	-	1:00	0:40	-	2:08	1:04	0:58	-
Triple Tray Impression	-	2:40	2:40	-	0:40	-	-	2:08	-	2:50
PRICING										
In House Training	-	Included in cost	Included in cost	First purchase	Extra fee	Included in cost	Included in cost	Included in cost	Offsite only	-
Warranty	1-5 years	3 years	3 years	3 years	1 year	1 year	2 years	4 years	1 year	3 years
Yearly Software Fee	Yes	Yes	Yes	No	Model dependent	No	No	No	No	No
Suggested Retail Price	Reseller dependent	-	-	$19,990	$11,900 to $15,900	$12,500	Reseller dependent	Reseller dependent	$7,500	Reseller dependent

COMPANY	smart optics	smart optics	Straumann	Straumann	Zahn Dental	Zahn Dental	Zahn Dental	Zahn Dental	Zahn Dental	Zirkonzahn	Zirkonzahn	Zirkonzahn
												
Product	Vinyl	Vinyl High Resolution	CARES 3 Series Scanner	CARES 7 Series Scanner	Novux D2000	Novux E1	Novux E2	Novux E3	Novux E4	ARTI S300	ARTI S600	ARTI S900
SPECIFICATIONS												
Processing Technology	Stripe light, White light LED	Blue LED, Stripe light	Laser	Laser	Blue LED	-	Blue LED	Blue LED	Blue LED	Stripe light	Stripe light	Stripe light
Number of Scanning Axes	3	3	5	5	4	3	3	3	3	2	2	2
Scanning Accuracy (µm)	5	5	15	15	5	10	10	10	4	5	5	5
Scaner File Output	STL, PLY	STL, PLY	STL	STL	Proprietary, STL	Proprietary, STL	Proprietary, STL	Proprietary, STL	Proprietary, STL	STL	STL	-
SCAN CAPABILITY												
Single Die	●	●	●	●	●	●	●	●	●	●	●	●
Multiple Dies Individually	●	●	●	●	●	●	●	●	●	●	●	●
Two Full-Arch Models	●	●	●	●	●	●	●	●	-	●	●	●
Bite Registration	●	●	●	●	●	●	●	●	●	●	●	●
Sectioned/Trimmed Model	●	●	●	●	●	●	●	●	●	●	●	●
Implant Abutment	●	●	●	●	●	●	●	●	●	●	●	●
Multiple Dies Simultaneously	●	●	●	●	●	●	●	●	●	●	●	●
Full-Arch Model	●	●	●	●	●	●	●	●	●	●	●	●
Wax-up	●	●	●	●	●	●	●	●	●	●	●	●
Opposing Arch	●	●	●	●	●	●	●	●	●	●	●	●
Impression	●	●	●	●	●	●	●	●	●	●	●	●
Other	●	●	-	-	●	●	●	●	-	-	●	●
SCAN TIME (MINUTES)												
Single Die	0:25	0:25	0:12	0:09	0:15	0:25	0:20	0:18	-	-	-	-
Full-Arch Model	0:16	0:16	1:30	0:48	0:16	0:40	0:30	0:24	0:09	-	-	-
Opposing Arch	0:16	0:16	0:24	0:15	0:16	0:40	0:30	0:24	-	-	-	-
Unsectioned Model	-	-	0:42	0:30	0:16	0:40	0:30	0:24	-	-	-	-
Implant Abutment	0:30	0:30	1:00	0:48	0:15	0:25	0:20	0:18	-	-	-	-
3-Unit Bridge	0:33	0:33	1:12	0:48	0:45	1:15	1:00	0:54	-	-	-	-
Bite Registration	0:18	0:18	0:13	0:11	0:16	0:30	0:20	0:18	-	-	-	-
Sectioned/Trimmed Model	-	-	0:42	0:30	0:16	0:40	0:30	0:18	-	-	-	-
Impression	-	-	-	1:12	1:05	2:10	1:30	1:20	0:45	-	-	-
Triple Tray Impression	2:30	2:30	-		0:30	1:40	1:10	1:00	-	-	-	-
PRICING												
In House Training	-	-	3 days (Included)	1 day (included)	Included in cost	Included in cost	Included in cost	Included in cost	-	Included in cost	Included in cost	Included in cost
Warranty	3 years	3 years	1 year	1 year	Yes	Yes	Yes	Yes	1-5 years	1 year	1 year	1 year
Yearly Software Fee	No	No	$1,995	$1,995	Yes	Yes	Yes	Yes	Yes	No	No	No
Suggested Retail Price	Reseller dependent	Reseller dependent	$19,500	$29,500	-	-	-	-	Reseller dependent	-	-	-