

# Comparison of Technical Properties Programat®

EP 3010 G2



EP 5010 G2



Hardware Features		
Widescreen colour display	4.3"	7"
Membrane-sealed keypad & touch display operation	✓	✓
QTK 2 muffle technology with SIC bottom reflector	✓	✓
Electronic press drive with force sensor	✓	✓
Double-valve vacuum technology	✓	✓
OSD with status indicator and explanation	✓	✓
OSD with progress indicator	-	✓
Programat Infrared Technology IRT	-	✓
Programat WLAN Kit	-	✓
Software Features		
New operating concept with modern icons	✓	✓
Language options of software	25	25
Individual press and firing programs	300/20	500/20
Individual press and firing programs on USB flash drive	300/-	500/-
Preset Ivoclar Vivadent press and firing programs	✓	✓
FPF – Fully automatic press function	✓	✓
"CDS" Crack Detection System	✓	✓
"TSP" Thermo Shock Protection	✓	✓
Different operating modes	✓	✓
Predrying program (indiv. time/temp.)	✓	✓
Noise-reduced operation of vacuum pump	✓	✓
Power Saving Technologie	✓	✓
Integrated voltage indicator	✓	✓
Electronic Vacuum Control System (EVCS)	✓	✓
Program bypass in case of power failure	✓	✓
Muffle cleaning program	✓	✓
Dehumidification program	✓	✓
Modern signal tunes	✓	✓
Remote diagnostics via diagnostic file	✓	✓
Integrated test programs (e.g. heating, vacuum, etc.)	✓	✓
Software update via USB flash drive	✓	✓
Display of notes and errors with text	✓	✓
Operation and programming via notebook/PC	✓	✓
Firing protocols for QA via notebook/PC	✓	✓
IoT connectivity	✓	✓
Software update via WLAN	-	✓
Picture Manager via notebook/PC/Programat App	-	✓
Preset timer function	-	✓
Integrated program copy assistant	-	✓
IR-operated closing process	-	✓
IR-operated predrying	-	✓
IR-operated recognition of the investment ring size	-	✓
IR-operated temperature measurement of the investment ring	-	✓
MP3 and video player	-	✓
Picture viewer	-	✓
DSA - Digital Shade Assistant	-	✓
Temperature Calibration		
Calibration	Automatically	Automatically
Adjustable calibration interval	✓	✓
Automatic double-range calibration	-	✓
Design and Ergonomics		
Large cooling tray	✓	✓
Integrated tong holder	✓	✓
Removable furnace head	✓	✓
Integrated cable duct	✓	✓
Swivel keypad unit	-	✓
Connections		
USB	1	3
USB host	✓	✓
Ethernet (LAN)	✓	✓
WLAN	-	✓
SD Card Reader	-	✓
Audio connections (in/out)	-	✓
Technical Data		
200 – 240 V / 50 – 60 Hz	✓	✓
110 – 120 V / 50 – 60 Hz	✓	✓
Max. power consumption at 110 – 120 V (Ampere)	12	12
Max. power consumption at 200 – 240 V (Ampere)	8.5	8.5
Max. heating rate	140 °C/min	140 °C/min
Warranty		
Warranty period*	2 years	3 years

✓ Standard delivery form  
- not available  
\* excluding consumables

Date information prepared: 2021-05