

*Introducing*

# PlanMill 40 S

*Smart and Connected*



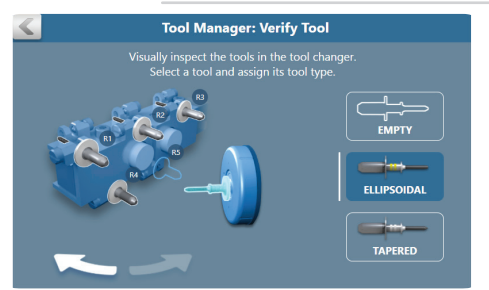
Made in the USA

**PLANMECA**

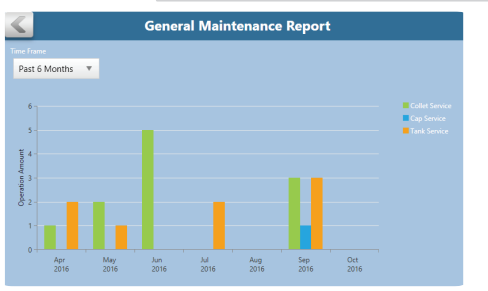
# JUST PLAIN SMART



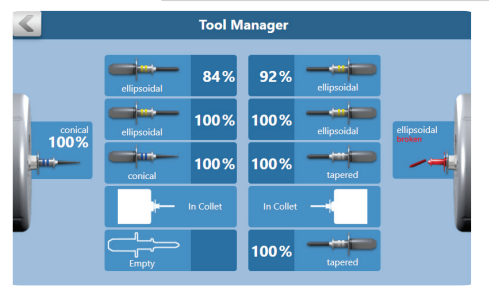
**Guided Maintenance Wizards**  
From daily cleanings and water changes to annual preventive maintenance notifications.



**Smart Tool Manager**  
Automated tool changer (10 tool capacity) for replacing worn or broken tools.



**Smart Reporting**  
Graph reporting for block usage, maintenance and tool performance.



**Smart Tool Status**  
Visual diagnostics of tool wear and breakage.

## BLOCK CHART RECOMMENDATIONS

	Block	Manufacturer	Material	Anterior Full Coverage	Posterior Full Coverage	Veneer	Inlay/Onlay	Bridge	Provisional
Reinforced Composites	Lava Ultimate	3M	Resin nano-ceramic			X	X		
	GC Cerasmart	GC	Force-Absorbing Flexible nano-ceramic	X	X	X	X		
	Vita Enamic	Vita	Dental Hybrid Ceramic	X	X	X	X		
Glass Ceramics	VITABLOCS Mark II	Vita	Feldspathic Ceramic	X	X	X	X		
	VITABLOCS TriLuxe forte	Vita	Feldspathic Ceramic	X	X	X	X		
	IPS Empress	Ivoclar Vivadent	Leucite-Reinforced Ceramic	X	X	X	X		
Reinforced Glass Ceramics	IPS e.max	Ivoclar Vivadent	Lithium Disilicate	X	X	X	X	Anterior to premolar	
	Vita Suprinity*	Vita	Zirconia Reinforced Lithium Silicate	X	X	X	X		
Zirconia	Zirlux FC2	Zahn Dental	Pre-Sintered Zirconia	X	X			X	
Acrylic	TelioCAD	Ivoclar Vivadent	PMMA						X
	BOB	E4D Technologies	Burn-out Acrylic	patterns	patterns	patterns	patterns		

\*not sold in the USA  
Indications from this chart are based on manufacturer specifications. To find out more go to 3mespe.com, gcamerica.com, ivoclarvivadent.com, vita-zahnfabrik.com, and zirlux.com.

# PLANMECA PLANMILL 40 S

## SMART AND CONNECTED

Engineered to provide the smartest and most efficient milling experience. The **Planmeca PlanMill 40 S** is built on open technology, allowing for easy integration with CAD software and scanners. Intuitive user interface, monitoring and control capabilities allow predictive diagnostics and service.



### Touch Screen

No mouse or keyboard needed.  
Easy to use.

### Job Queue

Onboard computer independently controls, sorts and spools job, for milling in any order.

### Linear Motor Technology

Features dual spindles – each operating independently.

### Revolutionary Connectivity

Planmeca devices can be connected to Planmeca Romexis Clinic Management or any network.

### High Speed

The Planmill 40 S is designed to streamline your workflow.

### Robust Technology

Direct Drive Force Motors provide the most accurate type of motion control available today for optimal performance and durability.

### Precise

The system calculates custom milling paths by material to optimize performance and restoration integrity.

### Smart

Intuitive user interface, monitoring and control capabilities allow predictive diagnostics and service.

# TECHNICAL SPECIFICATIONS

## Voltage/Frequency/Power Output

100/240 VAC / 50/60 Hz / 1000 W

## Weight

160 lbs (72.6 kg)

## Dimensions When Closed (w x h x d)

26 x 17.4 x 21.4 in (661 x 442 x 544 mm)

## Operating Conditions

59 – 95°F (15 – 35°C)

0 – 90% relative humidity

maximum altitude 2000 meters (6,592 feet)

## Storage Temperature

-40 – 158°F (-40 – 70°C)

## Tool Changer

10 tool positions, automated

## Data Connection

Cat5 or Cat6 Ethernet cabling

## Cooling Lubricant Tank

3.4 liters

## Spindle

100,000 rpm

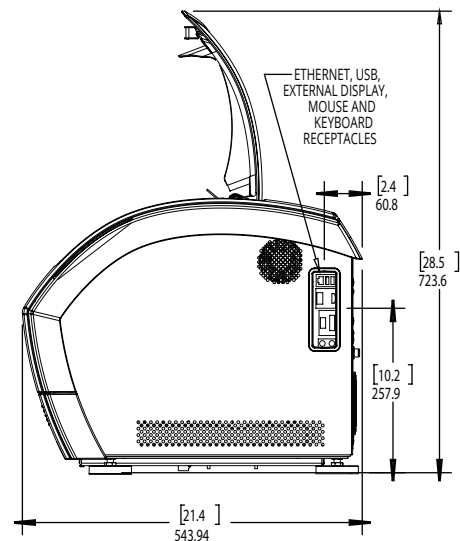
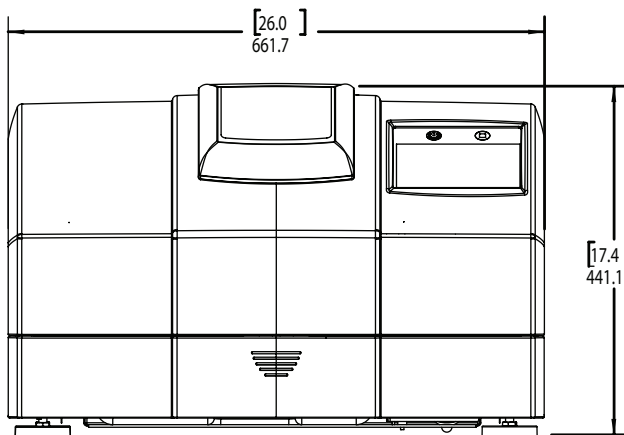
## Air Supply Requirements

### Pressure and flow:

- Constant 3.5 – 9.0 bar (50 – 130 psi)
- Minimum 60 l/min (2 cfm)

### Air purity:

- Solid contaminants (class 3); filtration level better than 5 µm for solids
- Water content (class 4); maximum pressure dew point +3 °C
- Total oil content (class 3); maximum oil content 1 mg/m<sup>3</sup>



# PLANMECA

[www.planmecausa.com](http://www.planmecausa.com)

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