

# BSM-400DW

Smart 4-axis Dental Milling Machine

- 4 Axes
- 6 Tools
- Dry Wet
- Mill Grind
- Chairside Labside
- 



BSM

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Technology Creates the Best Smile



# BSM-400DW

## Smart Dry/Wet Dental Milling Machine

BSM-400DW, specially designed for your digital dental workflow, takes convenient milling process to the next level. Mastering dry milling and wet grinding, this 4-axis machine meets your versatile needs with amazing machining precision thanks to its industry-leading components and  $\pm 5\mu\text{m}$  repetition accuracy. No matter it is zirconia, glass ceramic or titanium premill,BSM-400DW will be all set.



### A precise machine

- \* $\pm 0.01\text{mm}$  installation accuracy
- \*  $\pm 0.005\text{mm}$  repetition accuracy



### An efficient time saver

- \* Strong powerful spindle with speed up to 80000RPM
- \* 3 glass ceramics/2 titanium premills clamped at one time
- \* 24min fast grinding of glass ceramic anterior full contour crown



### A milling and grinding master

- \* Dual milling mode: wet/dry milling via simple switch
- \* Wide range of millable materials and indications
- \* Open system for multiple formats and materials



### An intelligent dental assistant

- \* 6-station automatic tool changer
- \* Intelligent power-off protection
- \* Easy operation with intuitive LCD touch screen

### • Millable Materials



Titanium Premill



Glass Ceramic



Zirconia Block

### • Millable Restorations

Not only conventional restoration work, but also more complex indications including long bridges and abutments



### • Technical Data

Dimension (W*D*H)	440mm*665mm*590mm			
Weight	60kg			
Fields of application	Dry milling and wet milling			
Spindle Power	500W			
Milling scope	A axis: the front and the reverse milling			
Number of axes	4			
Cooling system	Air cooling			
Milling accuracy	$\pm 0.01\text{mm}$			
Repetition accuracy	$\pm 0.005\text{mm}$			
Spindle speed	Up to 80,000 RPM			
Built-in burs	6			
Automatic tool changer	Positive			
Voltage	220V			
Air pressure	0.65Mpa			
Rated power	800W			
Max. output power	1.2KW			
Single processing quantity	Glass ceramic 3 units / Titanium Premill 2 units /Zirconia block 3 units			
Dimension of material in block	Glass ceramic: 18.5*14.9*12.5mm, 40*15*14mm			
	Zirconia block: 20*19*15.5mm, 39*19*15.5mm			
Burs type	Tool for glass ceramic	2.5mm	1.0mm	0.6mm
	Tool for metal material	3.0mm	2.0mm	1.0mm
	Tool for zirconia	2.0mm	1.0mm	0.6mm