



Milling System  
**F4**|basic

High-precision support  
for your craft

**DeguDent**

*A Dentsply International Company*

# F4|basic – economical milling and top-level performance!



Are you looking for a cost-efficient multi-purpose milling system which implements proven, mature technology? One that meets all your milling requirements and offers high precision and top performance?

Then the F4|basic is for you! We are talking about a multi-purpose milling unit suitable for the whole scope of milling technique such as telescope and conical crowns, bars and brazing arms and even more. The F4|basic can be used for measuring, transferring, cutting and drilling jobs on either metal or wax. It features a compact leg with a small footprint and an ergonomically shaped pedestal offering an ideal working height. The milling arms can be guided in a clearance-free manner to any type of working surface. Features such as the precision-cut bearings, the rotated metal guide bushes, and the bellows-protected gearbox assembly for height adjustment of the multi-purpose column will ensure the same legendary lifespan as with previous DeguDent milling systems.

Of course all accessories of the F1, F2 and F3 milling systems are compatible with the F4|basic system.



## Highly mobile

The cutting arm of the F4|basic is highly mobile and versatile. The arm can be operated smoothly without requiring the use of undue force. Your quest for perfection is supported by features such as convenient height adjustment, smooth metal joints, individually adjustable spring pre-tension and, of course, a finely adjustable depth stop.



## Highly adjustable

The depth stop of the horizontal support arm can be adjusted and fixated to a resolution of  $< 1/10$  mm. The drilling depth can be visualized on the millimetre markers at all times. Despite the rugged design, the support arm can be manipulated in a gentle manner via the adjustment lever.



## Simply attractive

The magnetic clamping bench is recessed into the F4|basic's ergonomically shaped pedestal. In this way, you never lose sight of your work piece and are always firmly in control of it. Convenient hand rests facilitate relaxed working. Thanks to the slim pedestal, you will be dealing with significantly smaller grip spaces than you may have been used to in the past. Control buttons that are conveniently within reach are another feature contributing to the perfect design of the compact pedestal.



## Logical

The control buttons on the front panel of F4|basic are simple to use and well laid out. They are self-explanatory thanks to the use of appropriate icons. The speed of the motor can be continuously adjusted with a readily accessible knurled wheel whose operation will not interrupt the workflow.



## Let there be light

The new LED spotlights will stay cool even when milling is hot. A modern LED system offers perfect shadowless lighting of your work pieces. The new spotlights will be available as an accessory shortly.



## Put it on the table

Ideally on the basic model table, which you can use to place your objects in a correct position. The comprehensive fixation options will support you in your quest for perfect results. The model table is available as an accessory and is of course compatible with the conator and the feed slide.

## Parts List

F4|basic Milling System

1 Power cord

1 Dust protective cap

1 Instruction manual/warranty card

REF 5154 001

## Accessories

Spotlights LED

REF 5153 0110

Milling spindle

REF 2351 1030

Multi-purpose spindle

REF 5153 0101

Model table

REF 2351 1033

Model table basic

REF 5154 0100

Plaster build-up plate with rubber sleeve Ø 44 mm

REF 2351 0035

Plaster build-up plate with rubber sleeve Ø 65 mm

REF 2351 0036

Plaster build-up plate with rubber sleeve Ø 80 mm

REF 2351 0037

Feed slide

REF 2351 1043

Plaster build-up plate (glass/steel)

REF 2351 1034

## Specifications

Mains voltage

100–240 V

Mains frequency

50/60 Hz

Power consumption

100 W

Spindle RPM (continuously adjustable)

Clockwise

1,000–25,000 min<sup>-1</sup>

Counter-clockwise

1,000–7,000 min<sup>-1</sup>

Magnetic clamping bench

Ø 145 mm

Vertical travel

200 mm

Dimensions (H/W/D)

550/275/400 mm

Weight

22 kg