



Fig. shows MFD-2 for Olympus IX51 / IX71

## Motorized Focus Drive MFD-2 for Supplementary Motorization of the Z-Axis of Olympus Microscopes

Specifications																					
Resolution	typical 0.002 $\mu\text{m}$ , depends on the speed reduction gear ratio of the microscope's fine focus																				
Motor	2-phase stepper motor																				
Max. revolutions	60 rev. / s																				
Material	aluminium																				
Surface	anodic coating, black laquered																				
Weight	<table border="0"> <tr> <td>BX51TF-5 / BX51TRF-5</td> <td>approx. 700 g</td> </tr> <tr> <td>BX53F</td> <td>approx. 800 g</td> </tr> <tr> <td>BX51M / BX51RF-5</td> <td>approx. 700 g</td> </tr> <tr> <td>MX61</td> <td>approx. 700 g</td> </tr> <tr> <td>CX41</td> <td>approx. 700 g</td> </tr> <tr> <td>BX43</td> <td>approx. 800 g</td> </tr> <tr> <td>IX51 / IX71</td> <td>approx. 900 g</td> </tr> <tr> <td>IX53 / IX73</td> <td>approx. 700 g</td> </tr> <tr> <td>BX41</td> <td>approx. 1,200 g</td> </tr> <tr> <td>BX53M</td> <td>approx. 1,100 g</td> </tr> </table>	BX51TF-5 / BX51TRF-5	approx. 700 g	BX53F	approx. 800 g	BX51M / BX51RF-5	approx. 700 g	MX61	approx. 700 g	CX41	approx. 700 g	BX43	approx. 800 g	IX51 / IX71	approx. 900 g	IX53 / IX73	approx. 700 g	BX41	approx. 1,200 g	BX53M	approx. 1,100 g
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Dimensions	Design and dimensions vary in accordance with the microscope the MFD-2 is used on.																				

### Order Information

MFD-2 for	Order No.
Olympus BX51TF-5 / BX51TRF-5	48-54-600-0000
Olympus BX53F	48-54-601-0000
Olympus BX51M / BX51RF-5	48-54-602-0000
Olympus MX61	48-54-603-0000
Olympus CX41	48-54-604-0000
Olympus BX43	48-54-605-0000
Olympus IX51 / IX71	48-54-606-0000
Olympus IX53 / IX73	48-54-607-0000
Olympus BX41	48-54-608-0000
Olympus BX53M	48-54-700-0000

### Product Features

- ▶ avoidance of slippage or step loss by rigid connection to the shaft of the fine focus drive
- ▶ stable attachment to the base plate of the microscope

### Accessories

The MFD-2 can be operated with any Märzhäuser stepper motor controller in conjunction with operating device ERGODRIVE or Joystick.

For further accessories please visit:  
[www.marzhauser.com](http://www.marzhauser.com)