

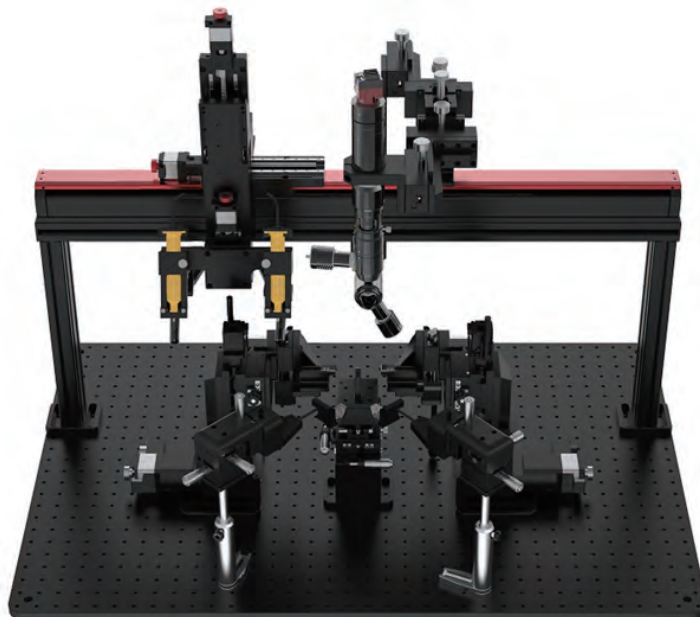
Manual coupling platform

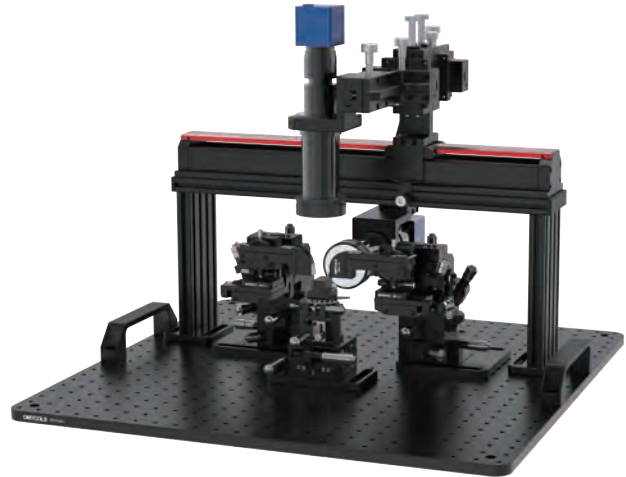
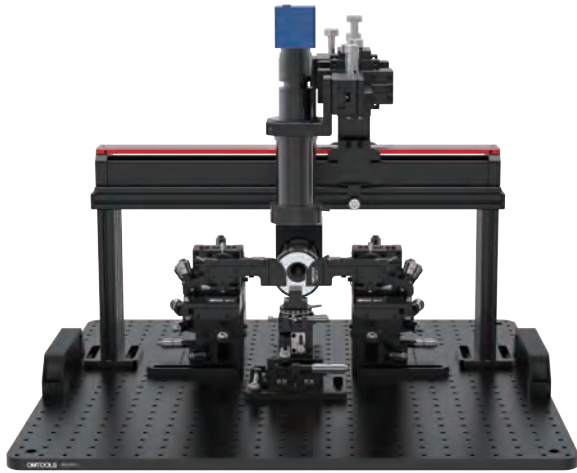
PRODUCT INTRODUCTION

Manual coupling platform is mainly used for the coupling and alignment of optical devices, such as various optical fibers, fiber arrays, integrated photonic chips and other optical components. With the laser light source, optical power meter or spot analyzer, it can be conveniently and quickly carried out all kinds of coupling test work of integrated photonic chips, which is widely used in the R&D and production of various scientific research institutes and production lines of enterprises.

PRODUCT FEATURES

- ⊙ Provides a clear and intuitive coupling display screen to observe the positional attitude of the fiber in real time.
- ⊙ High-precision six-dimensional manual adjusting table with differential head drive, additionally configured with differential structure to further improve the resolution of the adjustment and enhance the coupling precision and efficiency.
- ⊙ Adopting high rigidity gantry, with three degrees of freedom adjustment structure, to ensure that the vision system focus alignment function, using focus zoom lens, by adjusting the magnification, can better observe the position of the device.





Name	Parameters														
Product model	FA-MCG24VA														
Manual high-precision coupling adjustment table	<table border="0"> <tr> <td data-bbox="644 1090 719 1123">X Axis</td> <td data-bbox="922 1090 1326 1123">Coarse adjustment stroke: ± 6.5 mm</td> </tr> <tr> <td data-bbox="644 1144 719 1177">Y Axis</td> <td data-bbox="900 1129 1334 1162">Accurate adjustment stroke: ± 0.3 mm,</td> </tr> <tr> <td data-bbox="644 1198 719 1231">Z Axis</td> <td data-bbox="871 1166 1374 1198">Coarse adjustment minimum reading: 10 μm</td> </tr> <tr> <td></td> <td data-bbox="852 1205 1393 1237">Accurate adjustment minimum reading: ± 0.5 μm</td> </tr> <tr> <td data-bbox="644 1269 727 1302">Θx Axis</td> <td data-bbox="932 1263 1315 1295">Stroke$\pm 4^\circ$, Minimum reading: 33"</td> </tr> <tr> <td data-bbox="644 1323 727 1356">Θy Axis</td> <td data-bbox="911 1317 1335 1349">Stroke$\pm 2.5^\circ$, Minimum reading: 29.3"</td> </tr> <tr> <td data-bbox="644 1377 727 1410">Θz Axis</td> <td data-bbox="911 1371 1335 1403">Stroke$\pm 2.5^\circ$, Minimum reading: 27.8"</td> </tr> </table>	X Axis	Coarse adjustment stroke: ± 6.5 mm	Y Axis	Accurate adjustment stroke: ± 0.3 mm,	Z Axis	Coarse adjustment minimum reading: 10 μ m		Accurate adjustment minimum reading: ± 0.5 μ m	Θ x Axis	Stroke $\pm 4^\circ$, Minimum reading: 33"	Θ y Axis	Stroke $\pm 2.5^\circ$, Minimum reading: 29.3"	Θ z Axis	Stroke $\pm 2.5^\circ$, Minimum reading: 27.8"
X Axis	Coarse adjustment stroke: ± 6.5 mm														
Y Axis	Accurate adjustment stroke: ± 0.3 mm,														
Z Axis	Coarse adjustment minimum reading: 10 μ m														
	Accurate adjustment minimum reading: ± 0.5 μ m														
Θ x Axis	Stroke $\pm 4^\circ$, Minimum reading: 33"														
Θ y Axis	Stroke $\pm 2.5^\circ$, Minimum reading: 29.3"														
Θ z Axis	Stroke $\pm 2.5^\circ$, Minimum reading: 27.8"														
Observation unit	High-definition HDMI industrial measurement camera, 2 megapixels, supports video and photo storage function 0.7-45X continuously variable lens for observing the coupling of optical devices and facilitating the initial alignment of the AOC 23.8-inch display														
Coupling stability	Coupling repeatability max. 0.3db														
Equipment size	600x600x550mm														
Equipment weight	40kg														