



## CMK-06

### MANUAL FIXTURE KIT WITH CHANGEABLE CASSETTE

THE CURRENT STANDARDS OF MODERN ELECTRONICS MEAN THAT IT IS IMPORTANT TO GUARANTEE HIGH QUALITY THROUGH ACCURATE ELECTRICAL TESTING. THIS REQUIRES A RELIABLE ELECTRIC CONNECTION BETWEEN THE TESTING EQUIPMENT AND THE PRODUCT UNDER TEST (UUT). CMK PRODUCTS HAS DEVELOPED A SERIES OF LINEAR TEST ADAPTERS ESPECIALLY FOR THIS PURPOSE: THE CMK SERIES TEST ADAPTERS. THE RELIABILITY AND ACCURACY OF A TEST ADAPTER ARE STRONGLY DETERMINED BY ITS MECHANICAL CONSTRUCTION. THIS IS WHY CMK PRODUCTS USES SOLID ALUMINIUM PARTS.

We have created a unique mechanical click system using ball bearings and guiding sleeves. The UUT is connected to the spring contact pins that are connected to the testing environment in a completely linear fashion. Connecting the UUT to probes can be approached both from the top and the bottom and, optionally, even from the side. The ergonomic housing provides generous space for additional measuring electronics. The back and bottom of the housing can be adapted to the various test system interfaces.

#### FEATURES

- Linear click system with ball bearings, using gas springs
- 10 mm ESD-proof top cover with aluminium reinforcement bars
- Steel base cabinet with detachable aluminium back and bottom panels
- Detachable interchangeable case system with an 8 mm spring loaded probe protection cover
- Base cabinet fitted with a telescopic guide rail and catch

#### TECHNICAL SPECIFICATIONS

- Max. number of probes (2N): 500 units
- Max. PCB height: 60 mm
- Linear travel: 12 mm
- Outer dimensions: 400 x 354 x 70 x 140 mm (wxdxh1xh2)
- Max UUT: 230 x 175 mm (wxd)
- Designed for changeable cassette

#### PRODUCT CODE

- 230355 - CMK-06 Manual Fixture Kit
- 230355/1 - CMK-06 changeable cassette

Columbia Elektronik AB  
Sjöviksvägen 53  
618 30 Kolmården Sweden

T: +46-11-398005  
F: +46-11-397641

W: [www.columbia.se](http://www.columbia.se)  
E: [info@columbia.se](mailto:info@columbia.se)