Controller FCU$^{3.0}$ - S

The controller FCU$^{3.0}$ – S is suited for the operation of one device with multiple axis of motion. Therefore, an arbitrary device, such as an antenna mast, a turntable, a cable guide rail or any other positioning equipment, can be used with the FCU$^{3.0}$ - S. Furthermore, the FCU$^{3.0}$ – S permits the operation in manual, semi-automatic and remote control of one device simultaneously via Ethernet.

Technical data:

Ports	1x LAN, 1x Fibre optic
Transfer rate	100 Mbit/s
Voltage	100 V – 240 V / 50 Hz – 60 Hz
Current consumption	max. 20 W
Fuse	2x T1,6 A
Size in mm (W x D x H)	100 x 105 x 40
Temperature range	5°C – 40°C
Total weight	600 g
Accessories	mcApp HSU$^{3.0}$ handheld service unit Maturo dongle USB – network adapter

Requirements for existing PC

• Windows 7 32/64bit or better
• .NET Framework (included with mcApp software)
• 1 GB RAM
• 1 GHz Processor
• 5.5 GB disk space

Sales Partner:

ABSOLUTE EMC

ABSOLUTE *EMC* Llc.
Covering sales in North America
United States, Mexico, & Canada

absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

Brief description FCU³·⁰ - S

The FCU$^{3.0}$ – S works with EMC software from Rohde & Schwarz, Teseq, NEXIO, Toyo, TDK, Dare!!. LAN (TCP/IP) is used as interface. A software, which allows an automatic measurement procedure, can be programmed by Python, Matlab, C^{++} and C$^{\#}$ easily. Existing devices with a GPIB interface can still be used in parallel to FCU$^{3.0}$ - S.

Highlights:

- **mcApp**
  Installation on an existing PC
  Software to control all axis of all devices

Home screen of the mcApp

- **Handheld service unit (HSU$^{3.0}$)**
  Moving the positioning device manually, without FCU$^{3.0}$ - S
  e.g.: for initial installation

  Update capability and readout of error logs of the positioning devices via USB

- **Maturo dongle**
  USB stick Type – A
  necessary for running the devices

Information presented enclosed is subject to change as product enhancements are made regularly. Pictures included are for illustration purposes only and do not represent all possible configurations.