

Controller FCU^{3.0} – S lite

The controller FCU^{3.0} – S lite is suited for the operation of one device with one axis of motion. Usually, the FCU^{3.0} – S lite is used for turntables, antenna stands, cable guide rails or any other positioning device with one axis. Furthermore, the FCU^{3.0} – S lite 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 lite 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

Brief description FCU^{3.0} – S lite

The FCU^{3.0} – S lite 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 lite.

Highlights:

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



Home screen of the mcApp lite

- **Handheld service unit (HSU^{3.0})**
Moving the positioning device manually, without FCU^{3.0} – S lite
e.g.: for initial installation
Update capability and readout of error logs of the positioning devices via USB
- **Maturo dongle for lite version**
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.