

MP300 SC1 (SPY)



- Support of all voltage classes in USB-IC
- Ideal CLF tester
- Protocol analysis and spy of ISO/IEC 7816, SWP, USB-IC and USB 2.0 protocols
- Electrical measurement features
- Evolutivity into an ISO/IEC 7816 and SWP smartcard simulator

The main features of the MP300 SC1 are :

- **Protocol analysis** of exchanges happening following the **ISO/IEC 7816-3 and -4, SWP/S-HDLC/HCI, USB-IC and USB 2.0** protocols
- **Compatible with ETSI TS 102 613 and TS 102 622** specifications
- Automatic **detection of baudrate changes**
- **Detailed graphical** representation of the spied exchanges
- **Non intrusive** data acquisition probe
- **All protocols** can be spied **simultaneously**
- Possibility to perform **physical measurement** (current and voltage oscilloscope-like display)
- Evolutivity into a **smartcard emulator (ISO/IEC 7816-3 and -4 and SWP)**
- Numerous possibilities of **protocolary testing** (response times, wrong CRC, parity errors)
- **Physical customisation** of the emulated smartcard
- **Wide range of probes available**, to cover all types of handsets, as well as traditional ID1 smartcards
- Backwards compatibility **with the Star 3150**
- **Open platform** : integrate the MP300 SC1 inside your own test platform
- **Supplied with the MPManager software suite**, enabling the complete control of the tester without any programming knowledge
- Possibility to **synchronise** this tool **with a MP300 TCL2 or SCL1**, for the **analysis of a complete NFC or dual interface transaction**
- Presence of numerous **business oriented interpreters**, including SWP/S-HDLC/HCI, EMV, GSM, 3G, LTE, NFC-IP1, NFC-Forum, for a better understanding of all spied exchanges.

This tester will typically be used in the following contexts :

- Protocolary analysis of a handset or a banking terminal
- On-site debugging sessions
- Characterisation of a CLF, or of a smartcard reader
- Characterisation of the protocol handling of a smartcard, or a U-SIM

DISTRIBUTOR



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