

## MP300 TC3



- The MP300 TC3 is the certified solution for compliance checking of contact smartcards with the EMVCo 4.2a and 4.2b specifications. (full coverage of Level 1 electrical and digital tests)
- Supports the ISO/IEC 7816, USB 2.0, USB-IC, SWP/S-HDLC/HCI protocols
- Spies the dialogue happening between itself and the device under test
- Numerous physical measurement features
- Able to include perturbations inside the dialogue

### This tester will typically be used in the following contexts :

- Debug of a smartcard operating system
- Quality inspection tasks
- Compliance checking of a smartcard with defined standards
- Electrical qualification of a smartcard or a micro-module

### The main features of the MP300 TC3 are :

- Emulation of a **contact smartcard reader**, or a **CLF**
- **Compatible with smarcards**, micro-modules, M2M components
- Support of the **ISO/IEC 7816-3 and -4, USB 2.0 and -IC, SWP/S-HDLC/HCI** protocols and various types of **memory chips**
- Completely **supports the ETSI TS 102 613 and TS 102 622** specifications
- Open for implementation of **custom protocols**
- Endless possibilities of **protocolary customisation**
- Possibility to adjust **all electrical parameters**
- Spy of ISO/IEC 7816-3 and -4, USB and SWP interfaces, with **comprehensive protocol analysis**
- Advanced **physical measurement characteristics** (open/short, consumption, leakage current, drivability, ...)
- Accurate **timing measurement** features
- **Hardware sequencer**, for a perfect test scenario repetition and **advanced protocol testing**
- **Open platform** : integrate the MP300 TC3 inside your own test platform
- **Supplied with the MPManager software suite**, enabling the complete control of the tester without any programming knowledge
- **Integrated in numerous third parties test suites**, including test cases for ISO/IEC 7816-3, Visa Level 1, EMVCo Level 1, ETSI TS 102 613 and TS 102 622 compliance checking
- Presence of numerous **business oriented interpreters**, including SWP/S-HDLC/HCI, EMV, GSM, 3G, LTE, for a better understanding of all spied exchanges.

### DISTRIBUTOR



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