

INFO PAPER



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MT310 S2 - The new generation of meter testing

Reference Meter of class 0.1



MT310 S2

- Working Standard
- Reference Meter
- Class 0.1 direct or 0.2 via CTs

Future-proof

- Additional measuring channels for optional function enhancement
- Hardware can be extended modularly

High safety aspects

- 4th voltage channel*
- 4th clamp channel for measuring current at the neutral conductor

Highest measuring quality

- Non-sensitive against disturbances on the mains (e. g. 150 kHz)

* measurement between protective earth (PE) and neutral conductor (PN)

** important for disturbances caused by harmonics

Accessories

- Power supply from test voltage by adapter plug
- Quick connector (U and I)
- Individual AC current clamps with lockable plug system
- Extension module for future demands (battery pack, additional in-/outputs)



Connections

- 4 voltage inputs $U_1, U_2, U_3, U_{AUX}, U_N$
- 3 current inputs I_1, I_2, I_3
- 4 current inputs $CT_{L1}, CT_{L2}, CT_{L3}, CT_{AUX}$



Added value

- On-site measurement out of the transport case (without uncasing)
- Optional available as aluminium or compact PVC case

