



ME 3000 CARD

Flexible desktop laser personalisation of ID cards

When it comes to personalisation projects for countries with low populations or decentralised registration offices, embassies or private companies, conventional personalisation machines are often simply too big. Bundesdruckerei has come up with a powerful alternative: the ME 3000 Card, a compact desktop device that can process up to 120 ID cards an hour using the latest laser technology. The integrated control PC allows the installation of additional software packages for electrical personalisation and the integration of customised solutions.

Advantages at a glance:

- > A compact machine concept with low space requirements
- > High quality and performance
- > Outstanding precision thanks to automatic laser positioning
- > Can be configured as required

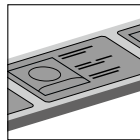
BUNDESDRUCKEREI – SYSTEM PORTFOLIO



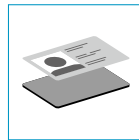
Enrolment



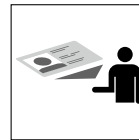
Administration



Document



Personalisation



Issuance



Verification



eServices

APPLICATIONS

This compact desktop device is ideal for

- > decentralised optical and electrical personalisation of ID1 security cards (e.g. eID cards, driving licences, provisional ID documents)
- > central personalisation projects with low production volumes (e.g. in countries with low populations)
- > use at embassies and citizens' registration offices
- > issuing employee ID cards (e.g. in the private sector, in production and office settings)
- > as a back-up, rework or test system

PROPERTIES

- > High card throughput
 - > 120 ICAO-compliant eID cards per hour, optical and electrical
 - > Electronically locked card feeding tray
 - > Electronically locked card delivery and reject tray

- > Optical and electrical document identification (OCR, bar code, chip UID)
- > Optical data verification in realtime (ORV)
- > State-of-the-art personalisation technology
 - > 256 grey scales
 - > Microlettering < 0.2mm
 - > Tactile laser engraving
 - > Changeable and multiple laser images can be freely positioned without additional components
- > Very economic
 - > Long service life with low maintenance requirements
 - > Low energy consumption
 - > High laser short-time and long-time stability
 - > Automated geometry calibration
- > Security methods supported
 - > Basic Access Control (BAC)
 - > Extended Access Control (EAC)
 - > Active Authentication (AA)

TECHNICAL SPECIFICATIONS

Dimensions	47cm x 22cm x 46cm
Control module	PC tower
Ambient temperatures	2–28°C
Humidity	30–80% (no condensation)
Electrical connection	230V / 10A
Beam source	Fibre laser 20W
Personalisation software	ME 3000 Card Personalisation Suite, incl. graphic programmes for operation, setting, diagnosis and maintenance; PERSOTEC® data preparation, MES Gateway
Optional extras	Air cleaner (external suction)
