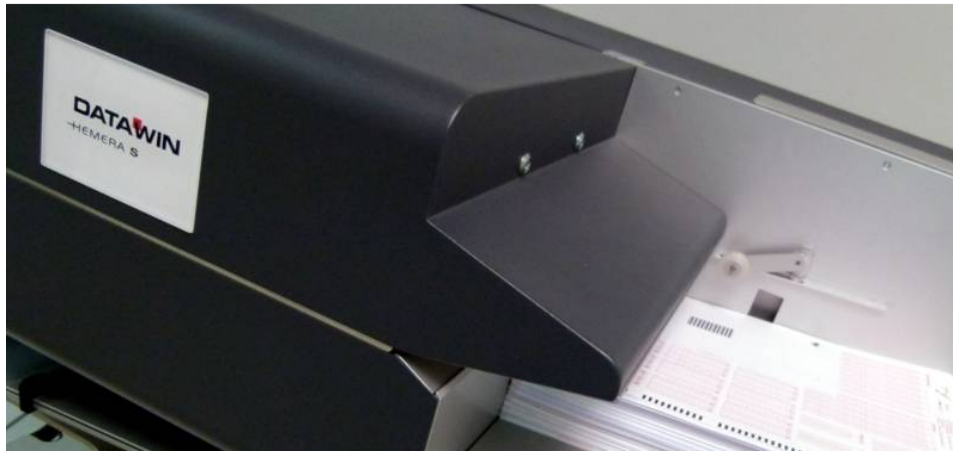


OMR S

Optical mark reader
with automatic feed



Brief specification

- Up to 15'000 docs/h
- Automatic batch feed
- 3 sorting output trays

Common options

- Barcode reading head
- Printer

Example applications

- Schools and universities
- Surveys and votings
- Quality control

About DATAWIN

- Development, design and production of high-end documents scanners and OMRs at Ergolding, next to Munich
- Worldwide partners and installations
- Quality made in Germany: 30 years experience and certified by the European quality norm ISO 9001:2008

Portable A3 optical mark reader with threefold sorting

OMR S is a portable optical mark reader with automatic stack feed and three sorting trays. OMR S processes both sides of up to 360 documents per minute. Possible marking grids are 1/4", 1/5" or 1/6". Depending on the track interval, up to 48 read tracks are possible.

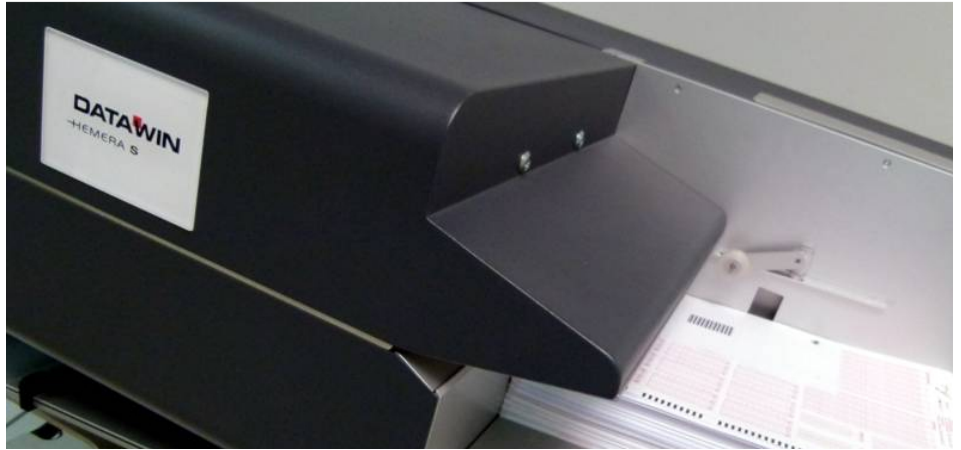
OMR S was developed in order to evaluate large volumes of documents in short periods of time and/or to sort them. Its high throughput rate in connection with its operating ease enable the greatest possible time and cost efficiency in document management.

The standard equipment of OMR S includes among others two ultrasound double document sensors, the fail-safe and energy efficient LED illumination unit as well as the paper transportation system by means of wear-free silicone rings.



OMR S

Technical Specifications



Document feeding and sorting

- Throughput: up to 15'000 docs/h
- Transporter speed: up to 2,2 m/s
- Automatic batch feed (ADF)
- Stack capacity: max. 1'000 documents
- Automatic document adjustment
- Double sheet detection: ultra-sonic
- Sorter: 3 guided output trays
- Easy maintenance without tools
- Long-time steady silicon rollers (up to 5 years)

Document dimensions

- Format: min. 124 x 70 mm, max. 420 x 297 mm
- Weight: 60 - 160 g/m²
- Quality: OCR acc. bis DIN 66223

OMR-details

- Optical reading heads redlight or infra red
- 12 to 48-tracks, 1/4", 1/5" und 1/6"
- Dust-proof and self cleaning
- Dynamic self-adjusting (document colours and shades of grey)
- Dynamic reading security in case of dirt
- Insensible against folds and „reflecting markings“
- Multilevelrereading
- DATAWIN and AXIOME-interface compatibility

Interfaces

- USB
- RS232 - Serial Interface
- With embedded PC: Ethernet

Supported OS

- MS Windows 7 (32 and 64 bit)
- MS Windows XP 32 bit

Control panel

- Status-LED
- Optional Touchscreen

Mechanical and power values

- Dimensions: 1050 x 650 x 640 mm
- Weight: 85 - 95 kg
- Ambient temperature: +10° C bis 40° C
- Relative humidity: 40 - 60%, condensation free
- Integrated power supply 110 V – 250 V AC
- StandBy 70 W, run 500 W

Standards

- CE, VDE 0805/5.90, VDE 0871-B
- UL-proof
- ISO9001-2008 certified production

Options

- Optical barcode reading head
- OMR-reading head backside
- CCD-camera for image capturing
- Pre/post printer
- Embedded PC
- Touchscreen
- MICR-reading head E13B, CMC7
- Long document scanning

