

## OMR 50E

Optical mark reader  
with manual feed

### Brief specification

- Document sizes up to DIN A4
- Compact design
- Embedded power supply

### Common options

- Barcode reading head
- Reading head backside

### Example applications

- Schools and universities
- Hospitals and laboratories
- 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



### Compact optical mark reader with manual document feed

OMR 50E is an optical mark reader designed for manual document feed.

Possible marking grids are 1/4", 1/5" or 1/6". Depending on the track interval, between 12 and 48 read tracks are possible. As an option, OMR 50E can be equipped with two barcode read heads for automatic barcode detection.

OMR 50E can be cleaned and maintained without tools. Its compact structure permits the inclination of the device in ergonomically slanted desktop form so that documents are visible "true-sided" both during reading in as well as in the output tray.



# OMR 50E

## Technical Specifications



### Document feeding

- Manual feed
- Automatic document adjustment
- Single output tray
- Easy maintenance without tools

### Form specification

- Format: min. 100 x 40 mm, max. 320 x 220 mm
- Weight: 80 - 140 g/m<sup>2</sup>
- 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 reading security in case of dirt
- Insensible against folds and „reflecting markings“
- mark-design: crosses, strokes, bubbles, areas
- Multilevel rereading
- DATAWIN and AXIOME-interface compatibility

### Interfaces

- USB
- RS232

### Mechanical and power values

- Dimensions: 450 x 130 x 280 mm
- Weight: 6,2 kg
- Ambient temperature: +10° C bis 40° C
- Relative humidity: 40 - 60%, condensation free
- Integrated power supply 110 V - 250 V AC, 20 W

### Control panel

- 2 Status-LED

### Standards

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

### Options

- Optical barcode reading head
- Reading head backsite

