

## Hand Magnet Yoke UM 10

### SERIES HANSA-230



A high field strength of the hand magnetization yoke **UM 10 / HANSA-230** is achieved by the arrangement of the windings directly at the poles.

This yoke is convenient to use due to its narrow handle. It enables long, fatigue-free operation.

Furthermore, the cable can be removed. Thus, buckling or breaking is avoided.

A cap protects the plug against damage during transport or storage.

| <b>UM 10 / HANSA-230</b>  | <b>Art. no.: 131.002.026</b> |
|---|------------------------------|
| Voltage   | 230 V (50-60 Hz)             |
| Operating current   | 0.8 A                        |
| Pole spacing (centre/centre)  | 135 mm                       |
| Pole cross section  | 25 x 25 mm                   |
| Dimensions  | 210 x 110 x 49 mm            |
| Tangential field strength<br>(without protective or flexible poles) | 30 A/cm                      |
| Duty cycle  | 50 %                         |
| Max. power-on time  | 150 s                        |
| Cable length  | 5 m                          |
| Weight (without cable)  | 2.2 kg                       |
| Protection system   | IP 65                        |

## Accessory for hand yoke magnets

| Protective and flexible poles (1 set = 2 pieces)                                    |   |   | Art. no.    |
|---|---|---|-------------|
|    | Flexible poles 45°  | 85 x 25 x 25 mm   | 131.002.023 |
|    | Flexible poles 76°  | Optimised for inspection of fillet welds  | 131.002.019 |
|    | Protective poles with pin   | 25 x 25 x 25 mm   | 132.020.021 |
|    | Protective poles for screwing   | 15 x 25 x 25 mm   | 131.002.021 |
|    | Rubber protection caps<br>- Careful testing of polished surfaces<br>- Guaranteed standard tangential field strength > 20.0 A/cm<br>- Easy and secure placing for poles 25 x 25 mm |   | 131.002.046 |
|  | Movable flexible poles „Spezial“  | 101 x 25 x 25 mm  | 131.002.602 |
| Light elements  |   |   |             |
|  | Inductive white light LED light element with one LED and swiveling head   | Illumination at 70 mm distance approx. 1,000 lx<br>65 x 80 mm<br>approx. 70 g                 | 131.002.054 |
|  | Inductive UV LED light element with one swiveling UV LED head   | UV intensity at 70 mm distance approx. 2,000 µW/cm <sup>2</sup><br>65 x 80 mm<br>approx. 70 g | 131.002.053 |
|  | Inductive UV LED light element with two swiveling UV LED heads  | UV intensity at 70 mm distance approx. 3,500 µW/cm <sup>2</sup><br>65 x 80 mm<br>approx. 80 g | 131.002.063 |
| Further accessories   |   |   |             |
| Spare cable   | Length 10 m   |   | 131.009.060 |
| Test report   |   |   | K01.000.104 |

Heidgraben, November 2019  
 Subject to technical changes