

# KERN OZM 922UK

Predefined stereo microscope set with simple telescopic arm and 4.5 W ring illumination unit for greater flexibility at the workstation



## Article codes, product groups & Status information

|                        |                                 |
|------------------------|---------------------------------|
| Model article-code     | OZM 922UK                       |
| Model-Serie            | OZM-9                           |
| Assortment             | Microscopes & Optical Metrology |
| Product Type           | Microscopes                     |
| Product group          | Stereo microscopes              |
| Product usage type     | Main article                    |
| EAN code (Model)       | 4045761225190                   |
| Successor Model        | OZP 922UK                       |
| Planned start date     | 2019-1HJ                        |
| Customs tariff number  | 90111000                        |
| Model Status           | Yes                             |
| CE Label               | Yes                             |
| Country of Origin      | CN                              |
| Selective distribution | 0                               |

## Technical data - Primary

|                |                                                              |
|----------------|--------------------------------------------------------------|
| Optical System | Greenough                                                    |
| Tube           | Binocular                                                    |
| Eyepiece       | Eyepiece HSWF 10x / Ø 23 mm with anti-fungus, high eye point |
| Objectives     | 0,7x - 4,5x                                                  |
| Illumination   | 4,5W LED (Auflicht)                                          |

## Technical data - Construction

|        |         |
|--------|---------|
| System | Upright |
|--------|---------|

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| Tube angle         | 45°                                                       |
| Tube rotation      | Yes                                                       |
| Stand type         | Universal (ball-bearred double telescopic arm with plate) |
| Stand area         | 210×260 mm                                                |
| Holder diameter    | 76 mm                                                     |
| Eye distance (max) | 76 mm                                                     |
| Eye distance (min) | 52 mm                                                     |
| Adjustable dioptr  | Both-sided                                                |
| Focusing mechanics | Coarse drive                                              |
| Visual field min   | 5,1 mm                                                    |
| Visual field max   | 32,8 mm                                                   |
| Working distance   | 110 mm                                                    |
| Sample height max  | 130 mm                                                    |
| Max resolution     | 0,0046 mm                                                 |

## Technical data - Power supply

|                   |                                             |
|-------------------|---------------------------------------------|
| Power supply kind | Built-in power supply                       |
| Input Voltage     | 100 - 240 V                                 |
| Power Plug        | Schuko                                      |
| Protection Class  | Protection class II - protective insulation |

## Technical data - Environmental conditions

|                  |       |
|------------------|-------|
| Storage Temp Min | -5 °C |
|------------------|-------|

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|                  |       |
|------------------|-------|
| Storage Temp Max | 40 °C |
|------------------|-------|

## Technical data - Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Dimensions packaging (W×D×H) | 700×520×350 mm |
|------------------------------|----------------|

|              |       |
|--------------|-------|
| Gross weight | 24 kg |
|--------------|-------|

|            |       |
|------------|-------|
| Net weight | 22 kg |
|------------|-------|

|                 |                |
|-----------------|----------------|
| Shipping method | Parcel service |
|-----------------|----------------|

|               |     |
|---------------|-----|
| Delivery time | 1 d |
|---------------|-----|

## Technical data - Verification

|      |     |
|------|-----|
| WEEE | Yes |
|------|-----|

## Technical data - Illumination

|                         |                 |
|-------------------------|-----------------|
| Illumination directions | Reflected light |
|-------------------------|-----------------|

|                     |     |
|---------------------|-----|
| Incident light type | LED |
|---------------------|-----|

|                          |       |
|--------------------------|-------|
| Incident light intensity | 4,5 W |
|--------------------------|-------|

|          |                |
|----------|----------------|
| Dimmable | Incident light |
|----------|----------------|

## Functions

### Standard

