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## **IKA Pette vario 10-100 µl**

/// Data Sheet

An ergonomic feel combined with uncompromising precise performance: the IKA single fix and vario pipettes can be used for many applications in the modern laboratory. Colour coding simplifies the rapid selection of a suitable pipette. Resistance to impact, UV and chemicals ensures that the tip cone provides long-term reliable dosing. The PETTE fix and vario are fully autoclavable, therefore ensuring easy sterilization. This guarantees fault-free, precise and safe operation.

### **Ergonomic design**

IKA pipettes are delivered including exchangeable grips in different shapes and materials. Therefore it is guaranteed



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that they fit well in the palm of the hand. The minimal frictional and spring forces also ensure dosing with ergonomic handling; without any effort.

One-handed adjustment of the volume is possible using the multifunctional knob. Moreover, the pipette tip can be released, regardless of the hand position, while the volume adjustment is securely locked.

#### Durable construction

The tip cone and piston are coated with a high quality diamond-like carbon (DLC). The design is functional and minimalistic. This combination guarantees particularly robust pipettes and reliably meter day by day in the long term.

#### A large display

The display shows the set volumes in easily read characters. The deep position also allows reading while pipetting, without changing the hand position.

#### User-friendly calibration

The IKA software used for planning, performing and recording calibration tests for PETTE fix and vario is particularly user-friendly.

#### Simple maintenance and adjustment

The volume unit with piston and seal can be disassembled and cleaned in just a few simple steps. If adjustment is necessary, it can be done without any additional tool.



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## Technical Data

|                                                 |                                          |
|-------------------------------------------------|------------------------------------------|
| Design                                          | Air displacement piston-operated pipette |
| Handling                                        | mechanical                               |
| Volume                                          | variable                                 |
| Number of channels                              | 1                                        |
| Colour Code                                     | Yellow                                   |
| Nominal volume [μl]                             | 100                                      |
| Volume min. [μl]                                | 10                                       |
| Volume max. [μl]                                | 100                                      |
| Increments [μl]                                 | 0.1                                      |
| Accuracy with nominal volume [±μl]              | 0.8                                      |
| Accuracy with nominal volume [±%]               | 0.8                                      |
| Precision with nominal volume [±μl]             | 0.2                                      |
| Precision with nominal volume [±%]              | 0.2                                      |
| Accuracy with 50% of nominal volume [±μl]       | 0.5                                      |
| Accuracy with 50% of nominal volume [±%]        | 1                                        |
| Precision with 50% of nominal volume [±μl]      | 0.15                                     |
| Precision with 50% of nominal volume [±%]       | 0.3                                      |
| Accuracy with 10% of nominal volume [±μl]       | 0.3                                      |
| Accuracy with 10% of nominal volume [±%]        | 3                                        |
| Precision with 10% of nominal volume [±μl]      | 0.1                                      |
| Precision with 10% of nominal volume [±%]       | 1                                        |
| Certificate of conformity according to ISO 8655 | yes                                      |
| Autoclavable                                    | yes                                      |
| Dimensions (W x H x D) [mm]                     | 30 x 248 x 63                            |
| Weight [kg]                                     | 0.09                                     |
| Permissible ambient temperature [°C]            | 5 - 40                                   |
| Permissible relative humidity [%]               | 90                                       |



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**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

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