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## **IKA Pette vario 0.5-10 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	Gray
Nominal volume [ $\mu$ l]	10
Volume min. [ $\mu$ l]	0.5
Volume max. [ $\mu$ l]	10
Increments [ $\mu$ l]	0.01
Accuracy with nominal volume [ $\pm\mu$ l]	0.1
Accuracy with nominal volume [ $\pm\%$ ]	1
Precision with nominal volume [ $\pm\mu$ l]	0.04
Precision with nominal volume [ $\pm\%$ ]	0.4
Accuracy with 50% of nominal volume [ $\pm\mu$ l]	0.075
Accuracy with 50% of nominal volume [ $\pm\%$ ]	1.5
Precision with 50% of nominal volume [ $\pm\mu$ l]	0.04
Precision with 50% of nominal volume [ $\pm\%$ ]	0.8
Accuracy with 10% of nominal volume [ $\pm\mu$ l]	0.025
Accuracy with 10% of nominal volume [ $\pm\%$ ]	2.5
Precision with 10% of nominal volume [ $\pm\mu$ l]	0.018
Precision with 10% of nominal volume [ $\pm\%$ ]	1.8
Certificate of conformity according to ISO 8655	yes
Autoclavable	yes
Dimensions (W x H x D) [mm]	30 x 248 x 63
Weight [kg]	0.089
Permissible ambient temperature [ $^{\circ}$ C]	5 - 40
Permissible relative humidity [%]	90



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