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IKA Pette vario 0.5-5 ml

/// 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 that they fit well in the palm of the hand. The minimal frictional and spring forces also ensure dosing with



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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 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	Green
Nominal volume [μ l]	5000
Volume min. [μ l]	500
Volume max. [μ l]	5000
Increments [μ l]	5
Accuracy with nominal volume [$\pm\mu$ l]	30
Accuracy with nominal volume [$\pm\%$]	0.6
Precision with nominal volume [$\pm\mu$ l]	7.5
Precision with nominal volume [$\pm\%$]	0.15
Accuracy with 50% of nominal volume [$\pm\mu$ l]	30
Accuracy with 50% of nominal volume [$\pm\%$]	1.2
Precision with 50% of nominal volume [$\pm\mu$ l]	6.25
Precision with 50% of nominal volume [$\pm\%$]	0.25
Accuracy with 10% of nominal volume [$\pm\mu$ l]	12
Accuracy with 10% of nominal volume [$\pm\%$]	2.4
Precision with 10% of nominal volume [$\pm\mu$ l]	3
Precision with 10% of nominal volume [$\pm\%$]	0.6
Certificate of conformity according to ISO 8655	yes
Autoclavable	yes
Dimensions (W x H x D) [mm]	30 x 219 x 63
Weight [kg]	0.099
Permissible ambient temperature [$^{\circ}$ C]	5 - 40
Permissible relative humidity [%]	90