IKA

designed for scientists

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

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 multif unctional 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.

IKA

designed for scientists

Technical Data

Design	Air displacement piston-operated pipette
Handling	mechanical
Volume	variable
Number of channels	1
Colour Code	Gray
Nominal volume [µl]	10
Volume min. [µl]	0.5
Volume max. [µl]	10
Increments [µl]	0.01
Accuracy with nominal volume [±µl]	0.1
Accuracy with nominal volume [±%]	1
Precision with nominal volume [±µl]	0.04
Precision with nominal volume [±%]	0.4
Accuracy with 50% of nominal volume [±µl]	0.075
Accuracy with 50% of nominal volume [±%]	1.5
Precision with 50% of nominal volume [±µl]	0.04
Precision with 50% of nominal volume [±%]	0.8
Accuracy with 10% of nominal volume [±µl]	0.025
Accuracy with 10% of nominal volume [±%]	2.5
Precision with 10% of nominal volume [±µl]	0.018
Precision with 10% of nominal volume [±%]	1.8
Certificate of confirmity 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 [°C]	5 - 40
Permissible relative humidity [%]	90

Wolf Laboratories Limited

www.wolflabs.co.uk

Wolflabs

Tel: 01759 301142 Fax:01759 301143 sales@wolflabs.co.uk

Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.