

SPIRIT LEVEL

A spirit level, also known as a bubble level, is a crucial tool in construction, carpentry, metal-working, and DIY tasks. Designed to determine whether a surface is perfectly horizontal (level) or vertical (plumb), it plays a vital role in ensuring structural accuracy and visual alignment in any project. From hanging shelves to laying bricks and installing machinery, a spirit level is the go-to instrument for getting things straight and true.

A spirit level is a simple tool consisting of a rectangular body – typically made of aluminum, plastic, or wood – and one or more vials filled with liquid and a bubble. These vials are fixed at specific angles: 0° (horizontal), 90° (vertical), and sometimes 45° (diagonal). The bubble inside the vial moves freely and is centered between marked lines when the surface is level or plumb. This visual cue allows the user to make quick, accurate adjustments.

Applications

Carpentry and Joinery
Electrical and Plumbing Installation
Drywall Framing
Masonry and Construction Layout

Technical Specification:

Item Name:	Spirit Level
Product Type:	Standard Spirit Level
Brand:	KASPRO
Accuracy:	±0.5 mm/m in normal position
Material:	Aluminum frame
Vials:	Impact-resistant acrylic vials
Operating Temperature:	-20°C to +50°C

Part Number	Sizes
KASSL30	30cm
KASSL40	40cm
KASSL50	50cm
KASSL60	60cm
KASSL80	80cm
KASSL100	100cm
KASSL150	150cm
KASSL200	200cm



Uses :

Using a spirit level in welding ensures:

Accuracy: Achieving precise angles and straight lines.

Structural Integrity: Ensuring that welded joints are properly aligned to handle stress.

Aesthetics: Creating visually pleasing and professional-looking welds.

Tips for Effective Use :

Keep It Clean: Ensure the spirit level is free from dirt, grease, and welding splatter. Clean it regularly.

Protect from Heat: While most levels are designed to withstand some heat, excessive exposure can damage them. Use heat shields if necessary.

Regular Calibration: Check the accuracy of your spirit level periodically. An out-of-calibration level can lead to inaccurate welds.

Conclusion:

Incorporating a spirit level into your welding process ensures that your projects are precise, strong, and professional-looking. By understanding the importance of alignment and using the right tools, you can enhance the quality of your welds and the integrity of your structures. Whether you're working on small DIY projects or large-scale constructions, a spirit level is an invaluable tool for achieving perfect alignment in your welding tasks.

Our Locations

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