

SOKKIA

C410

AUTOMATIC LEVEL

Compact

20x Telescope Magnification
2.5mm Standard Deviation for 1km Double-run Levelling



A U T O M A T I C L E V E L C 4 1 0

Compact, Versatile and Sturdy — The Ideal Tool for Builders

The C4₁₀ automatic level is specifically designed to meet the needs of builders. It's compact and lightweight, making it easy to move around the site. It's tough and sturdy — built to resist the rough knocks of a work environment. That's not all. The C4₁₀ is also quick and easy to set up, simple to sight, and resistant to vibration, shock, and other environmental conditions. For on-site tasks such as establishing levels of foundations, floors, and sills, or determining grades of pipes and driveways, the C4₁₀ is the first choice.



Reliable Compensator with Magnetic Damping System

Just approximately level the instrument, and the four-suspension wires and built-in magnetic damping action will ensure stability and accuracy along the horizontal line of sight, even under rapidly changing atmospheric conditions, vibration and shock.

Fast, Easy Set-up

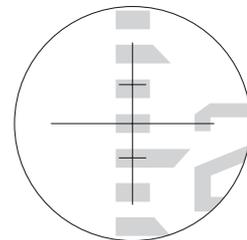
Using a spherical head tripod, setting up the level is fast and easy even on angled, uneven surfaces. Set the level onto the tripod head, center the circular bubble, and away you go. It also fits flat head tripods.

Horizontal Angle Measurement

This model is equipped with a horizontal circle for laying off and measuring angles (direct reading to 1° or 1 gon).

Easy Distance Estimation

The stadia lines on the reticle can be used for simple distance measurement. Just multiply the distance on the rod between the top and bottom stadia lines by 100 and add 100mm or 4 inches.



20x Magnification

The C4₁₀ features Sokkia's famous optical technology for simple, comfortable sighting and a telescope magnification of 20x.

Standard Equipment

Instrument, Lens cap, Plumb bob, Hexagonal wrench, Operation manual, and Carrying case.

C4₁₀ Specifications

Telescope	
Length	190mm (7.5in)
Objective aperture	30mm (1.2in)
Magnification	20x
Image	Erect
Resolving power	4.5"
Field of view	1°30' (2.6m at 100m)
Minimum focusing distance	0.9m (3.0ft)
Reticle	Cross hairs
Stadia multiplication constant	100
Stadia additive constant	100mm (4.0in)
Compensator, Auto Leveling Mechanism	
Damping system	Magnetic
Working range	±15'
Setting accuracy	0.5"

Leveling Accuracy	
Standard deviation for 1 km double-run levelling	2.5mm (0.1in)
Horizontal Circle	
Diameter	98mm (3.9in)
Graduation	1° or 1gon
Estimation	0.2° or 0.2gon
General	
Sensitivity of circular level	10'/2mm
Horizontal fine motion	Endless drive
Size (WxDxH)	115 x 190 x 122mm (4.5 x 7.5 x 4.8in)
Weight	1kg (2.2lbs)
Base	Concave and flat
Base screw	ø5/8in

Designs and specifications are subject to change without notice.

FIG Sokkia is a sponsor of the International Federation of Surveyors

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