

WILD NA2002 · NA3003



Information about digital levels

Leica

3. Positioning the digital levels

Classes of precision

The instruments have been classified according to their level of precision. The following table is generally applicable, but there may be requirements specific to a particular country:

Class	Precision [mm/km]*	Appropriate WILD level
I.	0.1 - 0.5	N3 (precision level) with invar staffs NA(K2) with GPM3 parallel-plate micrometer and with invar staffs NA3003 with invar staffs
II.	0.5 - 1.0	NA(K)2 with conventional staffs NA2002 with invar staffs
III.	1.0 - 1.5	NA3003 with conventional staffs NA2002 with conventional staffs NA28 with conventional staffs
IV.	1.5 - 2.0	NA24, Kernlevel with conventional staffs

* The data for the digital levels relates to electronic measurement.
(standard deviation in mm for 1km double-run measurement)

The WILD range of levels

The following table shows the positioning of the digital levels within the WILD product range, along with the standard deviation in mm for 1km double-run measurement.

Precision [mm/km]	Autom. levels	Digital levels	Application 1)		
			B	V	I
0.2mm	N3 3)		-	+	++ 2)
0.3mm	NA(K)2 + GPM3		-	+	++
0.4mm		NA3003 + invar staffs	-	+	++
0.7mm	NA(K)2		+	++	++
0.9mm		NA2002 + invar staffs	+	++	++
1.2mm		NA3003 with conventional staffs	+	++	-
1.5mm	NA28	NA2002 with conventional staffs	++	++	-
2.0mm	NA24 , Kernlevel		++	++	-
2.5mm	NA20		++	++	-

1) B = construction survey, V = survey, I = industry

2) ++ = recommended; + = possible; - = unsuitable

3) precision level

