



BASEMAN

E Original operating manual

Version 1.1

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1. Foreword

Before initial startup of the BASEMAN device this operating manual must be read by the operating personnel and those responsible for maintenance. It complements the training manuals. Damage or injuries caused by ignoring the content mentioned in these manuals will not assure warranty. The operator is obliged by law to keep the accident regulations in mind, which are regulated within the operator's country/state. Additionally the operation manual is to be kept confidential and can only be accessible for authorized personnel. A transfer to third parties can only be done if approved in writing by VSLN SkiTuning GmbH. All documents are protected in terms of copyright. Distribution and duplication of the documents, also partially, as well as exploitation and communication of the content remains prohibited unless approved in writing by VSLN SkiTuning GmbH. Violation is punishable and require compensation. All rights reserved by VSLN SkiTuning GmbH.

1.1. Intended Use

The device is assembled exclusively for common Ski-service-maintenance (intended use). All further use is defined non-intended use. The manufacturer is not legally responsible for damage/injuries resulting from further use. Such risk is taken by the operator only. Intended use also includes compliance with regulations for operation and maintenance prescribed by the manufacturer. Relevant accident prevention regulations and other generally recognized safety-related regulations and occupational medical rules must be followed. The manufacturer is not legally responsible for damage/injuries resulting from arbitrary changes. We are giving our best at all time to improve our products and we reserve the right to apply all changes and improvements which we consider expedient. However there is no obligation to extend this to devices previously delivered.

All figures, dimensions and weights in the operating instructions are non-binding.

Original operation-manual
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2. Overview

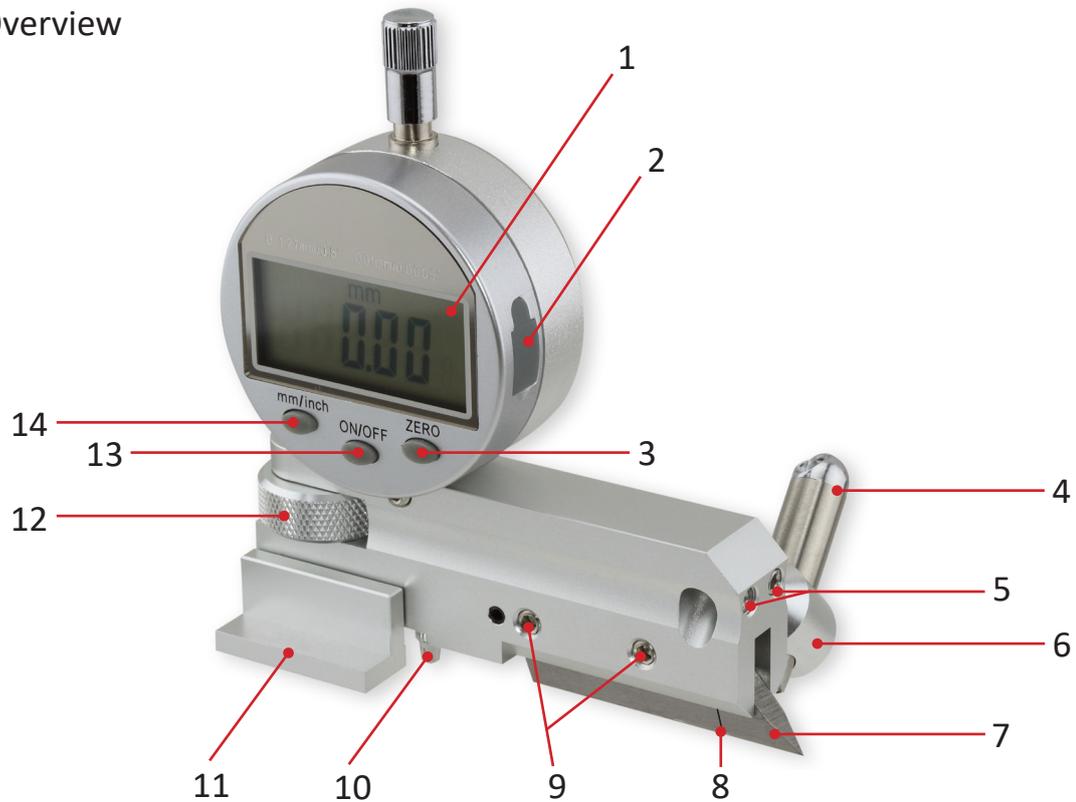


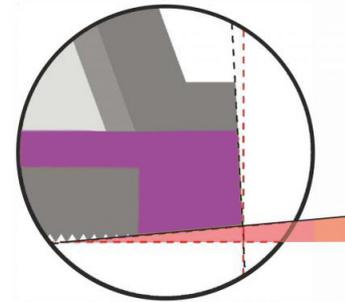
Abb.1

Nr	Beschreibung
1	Display
2	USB interface (not needed)
3	Zero button
4	LED- Lamp
5	Lamp holder - fastening screws
6	Lamp holder
7	Straightedge
8	Straightedge - marking
9	Straightedge - fastening screws
10	Calliper
11	Angle of support
12	Adjusting nut
13	ON/OFF button
14	mm/inch button

3. General

The bottom edge angle (picture 2) defines how aggressive and direct the ski / snowboard will respond. The smaller the angle the more aggressive and direct the response.

0,6° to 1,0°
- for racing
- personal tuning on event on skis
1,0° to 2,0°
- universal for regular skiing on the slope
- commercial Skis have 1,0° to 1,5°
- freerider and powder skis have 1,5° to 2,0°



picture 2

In order to work correctly on the bottom edge the actual amount of degrees of the bottom edge must be known. The BASEMAN measures the bottom edge angle precisely to 0,01 degrees.

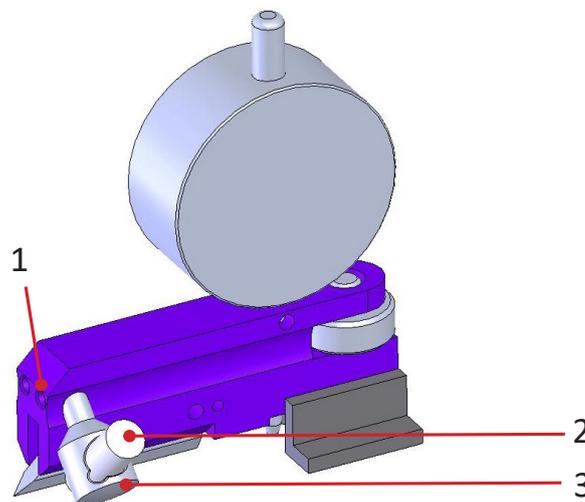


IMPORTANT: Material which has been already removed cannot be undone anymore. For instance, if material is grinded to 1.5 degrees, one cannot anymore grind back to 1.0 degrees (the material is no longer available).

This can only be corrected by levelling of the ski/snowboard via machine.

4. Preparation

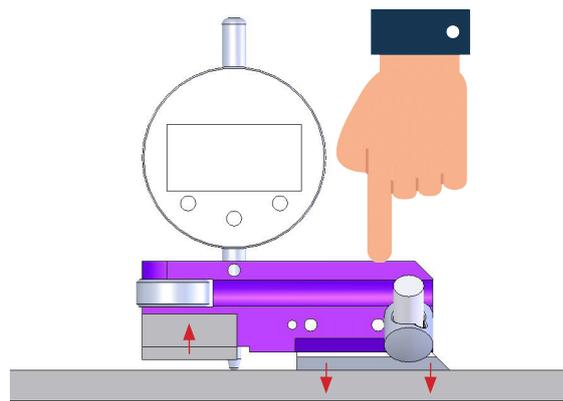
1. Remove battery safety foil
2. Loosen the allen screw with the allen key (included in the delivery), *picture.3.1*
3. Insert the lamp holder and fix it with allen key, *picture.3.3*
4. Insert LED- lamp ...
5. ... and check functionality through clockwise turning, *picture.3.2*



picture 3

5. Calibrate the dial gauge

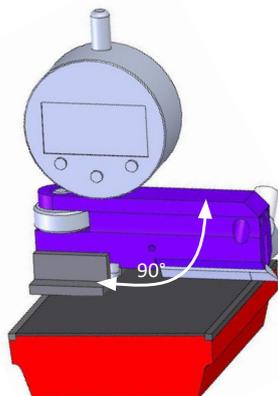
1. Switch on the dial gauge
2. Put the BASEMAN on a straight surface, adjust the support angle upwards with the adjusting nut (straightedge fully lies upon) ATTENTION: the straightedge has to bear on the surface *picture 4*
3. Adjust the dial gauge on mm with the "mm/inch"-button
4. Set the dial gauge to zero with the "Zero"-button



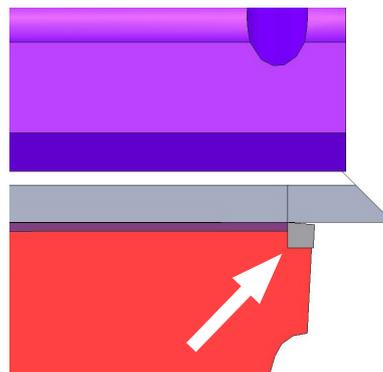
picture 4

6. Measuring

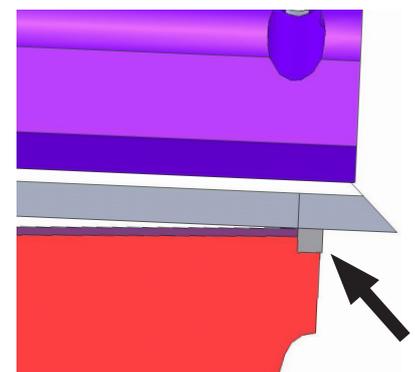
1. Switch on the LED-lamp. Put the BASEMAN on a straight surface, adjust the support angle upwards with the adjusting nut (straightedge fully lies upon), *picture 4*
2. Set the BASEMAN in a 90 degree angle to the bottom angle upon the base
3. Position the straightedge-marking between the base and the edge, *picture 6*
4. Gently push the straightedge with the index finger and thumb. With outward rotation of the adjusting nut...
5. ... set the angle of support and stop rotating the adjusting nut when no light shines through. *Picture 7*
6. Read the bottom edge angle from the dial gauge (1mm = 1 degree)



picture 5



picture 6



picture 7

7. Technical specifications

Type	Baseman
weight	288 g
ambient temperature limit	0 to 40°C
humidity	< 80%
accuracy	0,01 mm
dial gauge battery	1x Lithium Battery CR2032
LED- lamp battery	3x Lithium Battery LR41