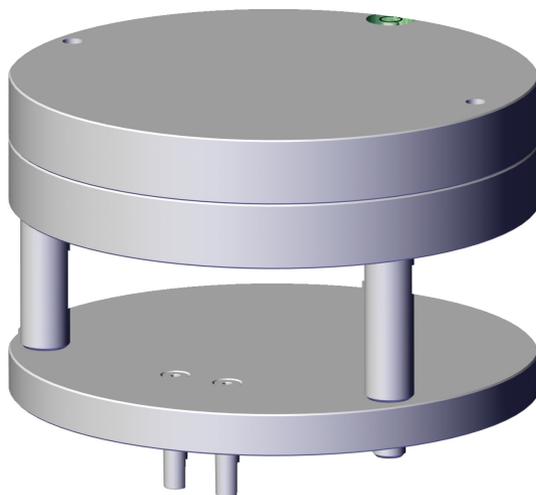


Consistency check test phantom 3D set acc DIN 6868-15

Quick Reference Guide



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! Important information



Manufacturer



Part number



Serial number



Health Industry Bar Code (HIBC)

1 About this document

These installation and operating instructions form part of the unit.



If the instructions and information in these installation and operating instructions are not followed, Dürr Dental will not be able to offer any warranty or assume any liability for the safe operation and the safe functioning of the unit.

1.1 Warnings and symbols

Warnings

The warning notes in this document highlight possible injury to persons or damage to machinery.

They are marked with the following warning symbols:



General warning symbol

The warnings are structured as follows:



SIGNAL WORD

Description of type and source of danger

Here you will find the possible consequences of ignoring the warning

- › Follow these measures to avoid the danger.

The signal word differentiates between different levels of danger:

- **DANGER**
Direct danger of severe injury or death
- **WARNING**
Possible danger of severe injury or death
- **CAUTION**
Risk of minor injuries
- **NOTICE**
Risk of extensive material/property damage

Miscellaneous symbols

These symbols are used in the document and on or in the unit:



Note, e.g. specific instructions regarding the efficient use of the unit.

1.2 Copyright information

All circuits, processes, names, software programs, and devices mentioned in this document are protected by copyright.

The Installation and Operating Instructions must not be copied or reprinted, either in full or in part, without written authorization from Dürr Dental.

2 Safety

2.1 Transportation and storage

The original packaging provides optimum protection during transport and storage.

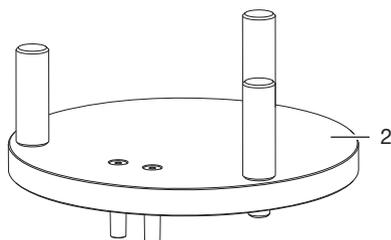
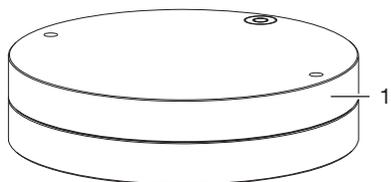
If required, original packaging for the unit can be ordered from Dürr Dental.



Dürr Dental will not accept any responsibility or liability for damage occurring during transport due to the use of incorrect packaging, even where the unit is still under guarantee.

- › Transport the device in its original packaging only.
- › Keep the packing materials out of the reach of children.

3 Overview



- 1 Test phantom consistency check CBCT
- 2 Adjustment unit

3.1 Scope of delivery

The following items are included in the scope of delivery (possible variations due to country-specific requirements and/or import regulations):

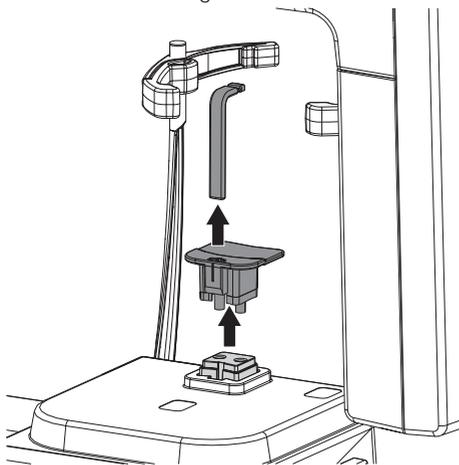
Consistency check test phantom 3D set **A7759**

- Test phantom consistency check CBCT
- Adjustment unit

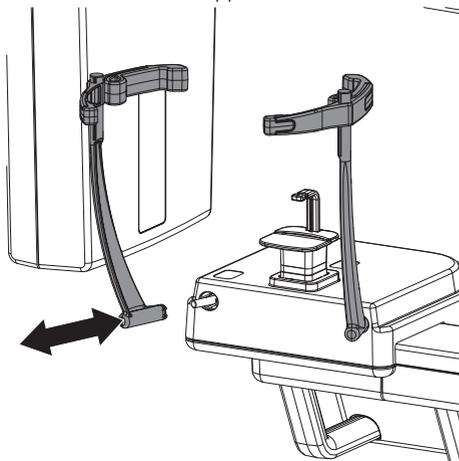
 Usage

4 Preparation of the device

- › Remove the rotating unit.

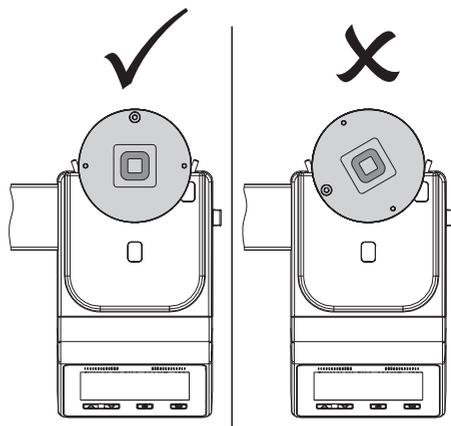
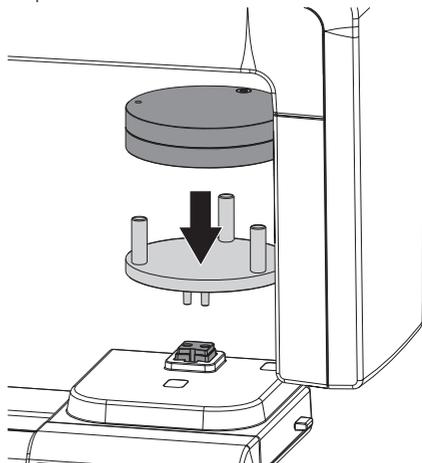


- › Remove the head supports.

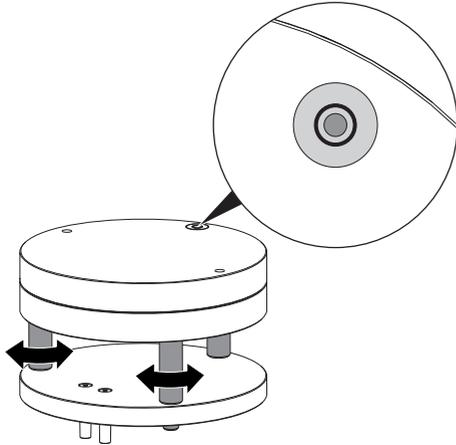


- › Clean and disinfect the device.

- › Insert the test phantom consistency check CBCT. The test phantom must be placed as shown. Otherwise, automatic evaluation by VisionX Inspect will not work.



- › Check whether the test phantom is leveled. If the test phantom is not leveled, correct the position with the adjustable feet. The adjustable feet have been screwed tight for transport purposes and may require the application of a little force to unscrew. Should you experience problems in the evaluation despite the test phantom having been leveled with the spirit level, check the position of the test phantom with a spirit level.



- › Store the test phantom in its original packaging after use.

5 Performing a consistency check

5.1 Description of the consistency check

Consistency checking is carried out by taking X-ray exposures of the test phantom using the same dosing parameters as used for the acceptance test (benchmark values). The recorded constancy test image (test image) is compared with the X-ray image of the acceptance test (reference image), and the measurements are checked for possible deviations from the benchmark values (reference values). The consistency check image is clearly labeled by the software. The requisite tests are determined by local rules and regulations. Carry out testing in accordance with local rules and regulations.

The following standards are primarily applicable to the consistency check:

- DIN 6868-5: Image quality assurance in diagnostic X-ray departments - Part 5: Constancy testing of dental radiographic equipment according to RöV
- DIN 6868-15: Image quality assurance in X-ray departments - Part 15: RöV constancy testing of X-ray installations for dental radiographic equipment for digital cone-beam computed tomography

5.2 Performing a consistency check with VisionX Inspect

We recommend performing the acceptance and consistency checks with VisionX Inspect. VisionX Inspect detects which device is being checked and adapts the check that is to be performed to the requirements of the device.

For information on how to perform the checks with VisionX Inspect, please refer to the VisionX Inspect software assistant.

Software help functions can be accessed either via the context-sensitive help in specific sections or via the start page.

Opening the context-sensitive software help:

- › Press the *F1* key.
The cursor changes to .
- › Click in the area for which help is required (e.g., Toolbox).
The software help opens in a separate window in the required section (e.g., Toolbox).

Opening the software help function via the start page:

- › Click  > .
- The software help opens in a separate window with the start page.

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