OPERATION MANUAL

Adapters for DAC Universal

CE

MADE IN JAPAN

1 Preface

English

1–1 Intended purpose

This adapter is an accessory designed to connect the designated handpiece to Dentsply Sirona's DAC Universal D / DAC Universal S (with Green / White lid) for automatic cleaning.

1–2 Precautions for handling and operation

■ Read these safety cautions thoroughly before use and operate the product properly.
■ These indicators are to allow you to use the product safely, and prevent danger and harm to you and others.
These are classified by degree of danger, damage and seriousness. All indicators concern safety, so be sure to follow them.

Class	Degree of risk
⚠ CAUTION	Hazard that could result in minor personal injury or property damage if the safety instructions are not correctly followed.

⚠ CAUTION

- Read this operation manual before use to fully understand the product functions and file for future reference.
- Do not use this product for unintended purposes. Use the product in accordance with the intended purpose and operating instructions described in the operation manual.
- The operation, maintenance, and ongoing inspection of the adapter are the responsibility of the user.
- Screws to secure the lid and adapter are not included. Use genuine screws for DAC Universal D / DAC Universal S.
- This product is not a genuine part of DAC Universal D / DAC Universal S. Note that the use of this product may void the warranty or service eligibility for DAC Universal D / DAC Universal S in the event of a malfunction.
- Do not run the reprocessing cycle with the handpiece connected when the chamber has been loaded with detergent. Doing so may cause damage to the handpiece.
- Perform the reprocessing procedure in accordance with the operation manual of each handpiece.
- Be careful not to touch the product after reprocessing, as they will be hot.
- Remove the product within one hour after reprocessing to prevent corrosion.
- If the O-ring on the adapter is missing, the handpiece may not be properly cleaned.
- Do not subject the adapter to impact. Do not drop the product. Deformation may cause the product to malfunction during use.
- Before use, make sure that the adapter is clean and undamaged.
- Do not disassemble or modify the adapter.
- Do not connect any handpieces to the adapter other than those specified in section "3–2 Connecting / disconnecting handpiece".
- If any abnormalities are found, stop using the adapter immediately and contact an authorized NSK dealer.

1–3 Symbol

	Consult operation instructions
	Caution
CE	The CE marking certifies that this product has met legal requirements in force in the European Union (EU).
	Manufacturer
	Importer
EU REP	Authorized representative in the European Community
REF	Catalog number (order code)
MODEL:	Model
LOT	Batch code
	Date of manufacture
UDI	Unique Device Identifier
	GS1 DataMatrix for Unique Device Identifier
	Transportation and storage environment
	Temperature limitation
	Humidity limitation
	Atmospheric pressure limitation

1–4 Disposing of products

When your medical device (adapter) has reached the end of its service life, it must be disposed of via a specialist collection, removal, recycling or destruction channel. Prior to doing so, in order to avoid the health risks to operators handling the disposal of medical equipment, as well as the risks of environmental contamination caused thereof, you need to confirm the equipment is decontaminated. Therefore contact your nearest NSK dealer, or one of the NSK branches to find out how to proceed. Refer to the link below:



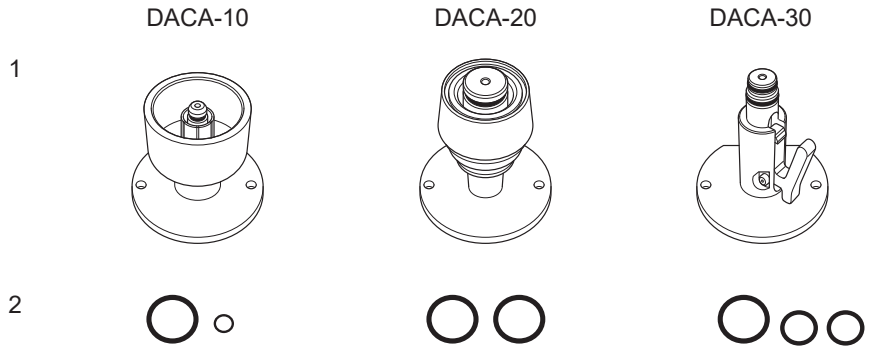
1–5 Warranty

NSK products are warranted against manufacturing errors and defects in materials. NSK reserves the right to analyze and determine the cause of any problem. Warranty is voided should the product be not used correctly or for the intended purpose or has been tampered with by unqualified personnel or has had non NSK parts installed. Replacement parts are available for seven years beyond discontinuation of the model. Contact an authorized NSK dealer if repairs are necessary.

2 Product Description

2–1 Package contents

The following items are included with each of the DACA-10/20/30.



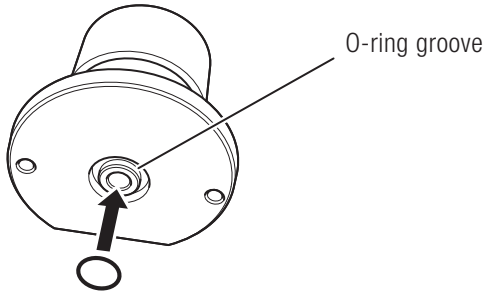
No.	Part name	Quantity
1	Adapter	1
2	O-ring set	1

3 How to Use

3–1 Connecting / disconnecting adapter

This section explains using the DACA-10 as an example. Other adapters are connected following the same procedure.

❶ Insert the O-ring into the O-ring groove at the bottom of the adapter.

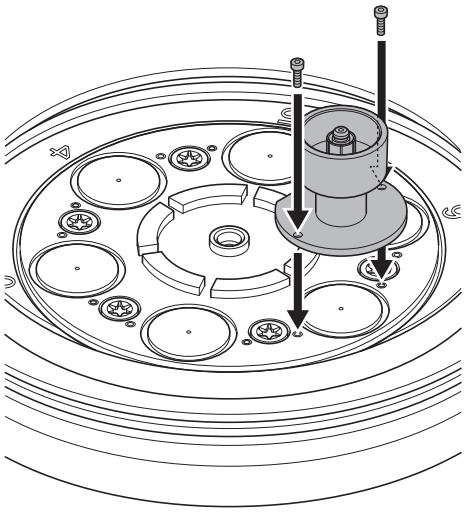


⚠ CAUTION

- The O-ring is not attached to the bottom of the adapter at the time of shipment. Be sure to attach the included O-ring on the bottom of the adapter before use.
- Make sure that the O-ring is not twisted.

❷ Position the adapter so that the straight part on the bottom faces inward, aligning the screw holes with those on the Green / White lid of the DAC Universal D / DAC Universal S.

❸ Use a 1.5 mm hex wrench to tighten the screws and secure the adapter to the lid.



⚠ CAUTION

- Use only genuine screws and a 1.5 mm hex wrench for DAC Universal D / DAC Universal S.

To disconnect the adapter, follow the reverse procedure.

3–2 Connecting / disconnecting handpiece

The following handpieces can be connected to the adapter.

Model	Handpiece
DACA-10	NSK Varios2 Ultrasonic Handpiece
DACA-20	NSK Prophy-Mate neo Handpiece / Perio-Mate Handpiece
DACA-30	NSK Varios Combi Pro series Prophy HP / Perio HP

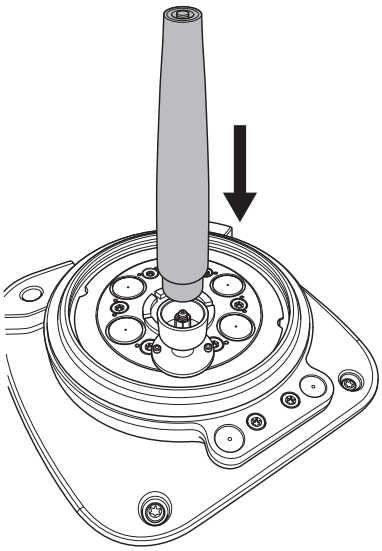
⚠ CAUTION

- Do not connect any handpieces other than those specified for use with the adapter. Doing so may cause malfunction.

3–2–1 DACA-10

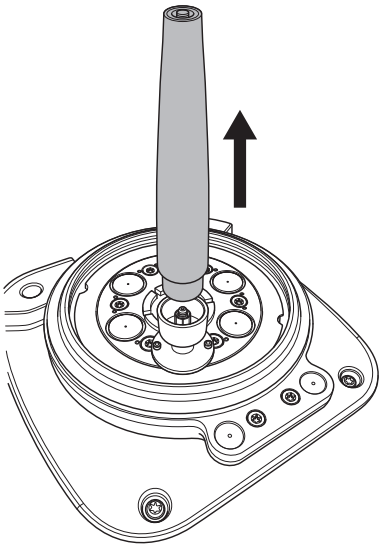
Connecting

1. Insert the handpiece fully until it clicks into place.
2. Gently pull the handpiece to make sure it is securely locked in place.



Disconnecting

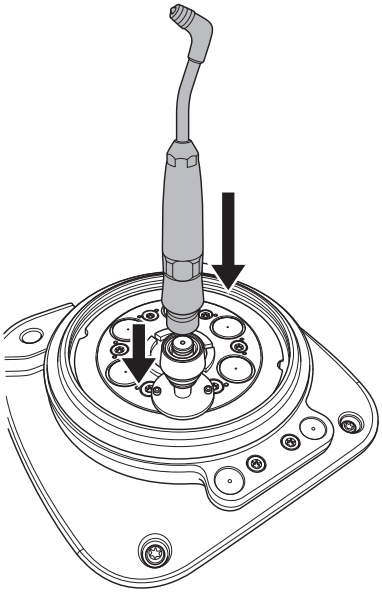
1. Hold the lid firmly, and pull out the handpiece.



3–2–2 DACA-20

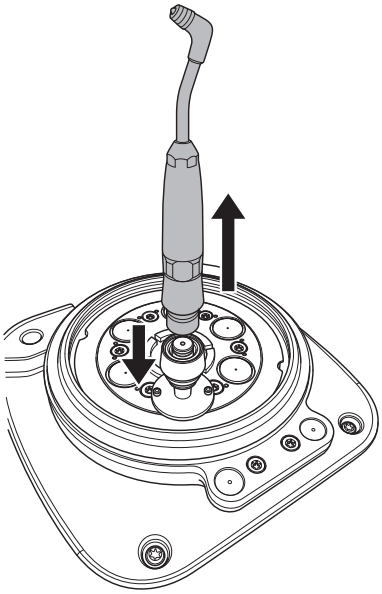
Connecting

1. While holding the adapter ring down, insert the handpiece fully.
2. Release the ring, then gently pull the handpiece to make sure it is securely locked in place.



Disconnecting

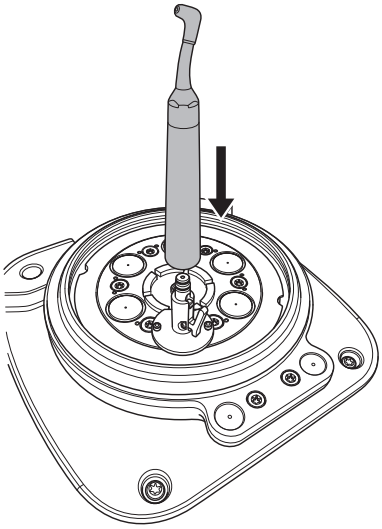
1. While holding the adapter ring down, pull out the handpiece.



3–2–3 DACA-30

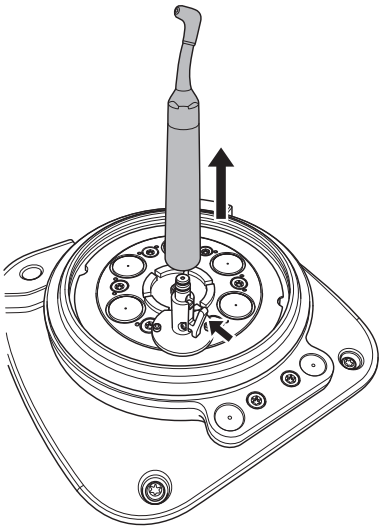
Connecting

1. Insert the handpiece fully until it clicks into place.
2. Gently pull the handpiece to make sure it is securely locked in place.



Disconnecting

1. While pressing the adapter lever, pull out the handpiece.



4 Maintenance

4–1 Cleaning

Disconnect this product and regularly wipe its surface with a soft, lint-free cloth dampened with disinfectant alcohol.

4–2 Periodical maintenance checks

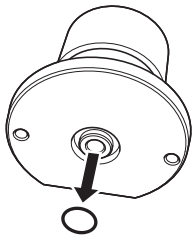
Perform a regular inspection of this product every three months in accordance with the inspection checklist below. If any abnormalities are found in the inspection items, contact an authorized NSK dealer and replace the product with a new one.

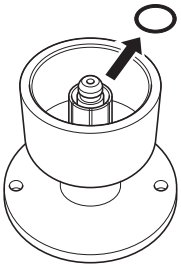
Points to check	Details
Adapter body	Check for any deformation, damage, discoloration, or other abnormalities.

4–3 O-ring replacement

The O-ring is a consumable part. Replace it every three months or after 250 cycles, whichever comes first.
This section explains using the DACA-10 as an example. Other adapters are connected following the same procedure.

❶ Remove the adapter from the lid, and use a dental probe or similar tool to remove all the O-rings.





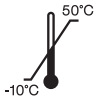
❷ Insert new O-rings into the O-ring grooves of the adapter, then reattach the adapter to the lid.

5 Spare Parts List

Model	REF	Remark
O-ring set	Y1500923	For DACA-10
O-ring set	Y1500924	For DACA-20
O-ring set	Y1500925	For DACA-30

6 Specifications

Transportation and storage conditions

	Temperature	Humidity	Atmospheric pressure
			

*No Condensation

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Specifications are subject to change without notice.

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