



Original FINO

## User Information

# FINO QUICK PLUS

Model system

REF 10730



FINO • der feine Unterschied • the fine difference • la fine différence • la fina diferencia • la fine differenza

07/24, Rev.-Nr.: 5,5



! Important:

Please read carefully before use    Keep for referral purposes

Please read the entire document before using the model system.

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## 1. Intended purpose

High precision, reusable model system, which supersedes drilling of pin holes, placing of pins and the creation of a split-cast.

## 2. Indication

Processing of saw models in the crown and bridge technique.

### 2.1 Contraindication

Not known.

In case of allergic reactions to product components, sensitive individuals cannot be excluded.

## 3. Fields of application

### 3.1 General

Only for processing in the dental technology according to the intended use.

- In the event of use other than intended, all warranty and liability claims become void!

### 3.2 Target group

The target user groups for model system are:

- Dentists
- Dental technicians

The patient target group for model system includes patients receiving as part of dental treatment.

## 4. Safety precautions

The national legal regulations must be observed during use, in particular:

- the applicable health and safety regulations
- the applicable accident prevention measures

Separating agent:



Danger

H304 May be fatal if swallowed and enters airways.

P102 Keep out of reach of children.

### 4.1 Prevention

P280 Wear protective gloves/eye protection.

### 4.2 Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

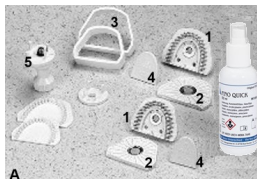
Further safety-relevant data is given in the safety data sheet.

EUH 066 Repeated exposure may cause skin dryness or cracking.

## 5. Processing instructions

### 5.1 Components

1. FINO QUICK PLUS, pin base plate large and small
2. FINO QUICK PLUS, splitcast plate (included in each pin base plate large and small)
3. FINO QUICK PLUS, sleeves large and small
4. FINO QUICK PLUS, ejection plate (included in pin base plate large and small)
5. FINO QUICK PLUS, detaching tool



### 5.2 Preparation of impression

First of all the correct size of the pin base plate is selected according to the impression. Take care of correct fitting.

In order to obtain a flat die arch and to facilitate the later removal, the impression is trimmed in the vestibular area and in the palatal area in a way that deep undercuts are bevelled. The surface treatment of the impression is done according to the directions of the manufacturer.



Mark middle of model and other possible reference lines for later positioning.



### 5.3 Placement of putty

Substitute missing areas or air bubbles in the impression with putty.



### 5.4 Preparation of the pin base plate

The fitting sleeve is placed on the pin base plate.

The pin base plate is **only** insulated with the included FINO QUICK separating agent by spraying on a thin even film.



! Important:

After drying, carefully wipe off the separating agent from the outer edge and carefully remove the excess with compressed air.



### 5.5 Pour

The impression is poured as usual.

Fill the isolated pin base plate with plaster until the pins are completely covered.

Place impression on the pin base plate and position according to the reference markings.

Adjust occlusal surface parallel to the pin base plate if possible.

Remove excessive plaster.



### 5.6 Lifting of the tooth arc

After setting of the plaster the impression is divested and the white sleeve is removed.



The white sleeve is removed and the pin base plate is taken off the splitcast plate to get access to the holes for the detaching device.

The detaching device is placed into the holes on the bottom of the pin base plate designed for this purpose.

By screwing at the detaching device the die arch is carefully taken off, whereby the lid of the model system comes loose. Please pay attention that canting of the die arch must be avoided.



### 5.7 Trimming of the tooth arc

The vestibular aspect of the die arch is ground with a dry or wet model grinder. If a wet model grinder is used any plaster sludge should immediately be removed from the pinholes before the model is again placed onto the pin base plate.



For the preparation of the oral aspect a die arch pointed cutter are best suitable.

In any case it is important that the die arch is only reduced up to the boundary line, which is marked on the ejection plate as little groove. It is designed to take off the separate segments.



Finish the die arch as required.



### 5.8 Finishing

Saw die arch. You do not care about the position of the pin holes. The segments always have enough retention on the plate.

For larger segments, make one or more additional saw cuts depending on the expansion of the plaster.



Remove plaster dust thoroughly with compressed air and a brush.



The model is now finished. The marking of the preparation margin can now begin.



Before the non-sawn die arch is repositioned, the pin base plate must be cleaned thoroughly agents.

A soft hand brush with plastic bristles is best suitable for this purpose and the **FINO QUICK** cleaning spray.

Make sure that the pin base plates are not mixed up!

Because the split-cast base already belongs to the pin base plate subsequently the articulation can start.



We recommend delivery of the dental arch on the pin base plate. The dental arch can also be switched to the archiving plate for delivery, but then there is no option for checking.

### 5.9 Cleaning

**Please note:**

Please clean the pin base plates only with **FINO QUICK** cleaning spray (item-no. 10782).

Do not clean in an ultrasonic bath or with other caustic cleaning agent.

By using other cleaning agents or separating agents the pin base plates as well as split-cast plates may get cracked or crumbly.



### 5.10 Troubleshooting

5.10.1 Model does not detach from the pin base plate

Possible cause:

- Insufficient or incorrect isolation.

Solution:

- Only use **FINO QUICK** separation agent.
- Allow isolation to dry before casting plaster.

### 5.10.2 Segments/ stumps no longer fit correctly on the pin base plate

Possible cause:

- Insufficient or incorrect isolation.
- Contamination
- Expansion
- Pin base plates mixed up

Solution:

- Only use **FINO QUICK** separation agent.
- Remove residual isolating agent from the pin base plate.
- Clean the soiled pinhole.
- Replace the dental arch on the pin base plate immediately after trimming and sawing.
- Segments should not be greater than 3 teeth.
- Mark the plates and do not mix them up.

### 5.5.11 Cracks in the pin base plate

Possible cause:

- Unsuitable cleaning agents or ultrasonic bath used.

Solution:

- only use **FINO QUICK** cleaning spray and a soft brush.

## 6. Storage

Separating agent

500 ml	10864
100 ml	10863

P405 Store locked up.

P411 Store at temperatures not exceeding 25 °C.

## 7. Physical data

No further data.

### 7.1 Composition

Separating agent:

Contains isoalkanes

## 8. Delivery forms

Packaging units for model system are:

- Model system
- User Information

The scope of delivery of each individual product consists of:

**FINO QUICK PLUS** model system

Contents of introduction kit:

			10730
Pin base plate	large	2x	10731
	small	3x	10732
Sleeve	large	1x	10733
	small	2x	10734
Detaching tool		1x	10737
Separating agent	100 ml	1x	10863
Archiving plate	large	2x	10740
	small	3x	10741

Model system are shown in the illustration:



## 9. Accessories

Pin base plate	large	10731
	small	10732
Sleeve,	large	10733
	small	10734
Separating agent	500 ml	10864
Detaching tool complete	large	10737
	small	10738
Separating agent	100 ml	10863
Archiving plate	large	10740
	small	10741
Archiving plate de luxe,	large	10742
	small	10743
Cleaning pin		10748
Cleaning spray	500 ml	10782

## 10. Guarantee

Our technical recommendations of application are based on our own experiences and tests and should only be regarded as guidelines. It rests with the skills and experience of the user to verify that the products supplied by us are suitable for the intended procedures. Our products are undergoing a continuous further development. We reserve the right of changes in construction and composition. It is understood that we guarantee the impeccable quality of our products.

## 11. Exclusion of liability

All rights reserved. This document may not be reproduced, transmitted, transferred, distributed, modified, summarised or translated into any other language graphically, electronically or mechanically, including but not limited to photocopying, recording, information storage and processing in systems, without the prior written consent of FINO GmbH. Copies of the system software are not permitted.

## 12. Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 12.1 EWC waste code product

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

## 13. Symbols explanation

### 13.1 Manufacturing

	Item numbers
	Lot code
	Shelf life
	non-sterile
	Unit in the packaging
	Manufacturer



### 13.2 Application



General danger symbol warns of the risk of serious injury in conjunction with the warning words CAUTION, WARNING or DANGER



Notes



Important information



Please read carefully before use    Keep for referral purposes



Do not reuse

### 13.3 Storage



Temperature limit



Keep away from direct sunlight



Protect against moisture



top - store upright



Caution fragile

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