



DÜRR X-RAY FILM PROCESSING

**Times are changing –
only five minutes to the perfect picture**

DÜRR PERIOMAT PLUS

The new Plus for the development of intra-oral films

DÜRR PERIOMAT PLUS

A new era in development

Only five minutes for eight automatically processed X-ray images which are ready for viewing and filing. Lightning-fast convenient manual development of root canal pictures during a root canal treatment? New intra-chemistry which guarantees the reliability of these processes? And a water drainage and refilling system which makes water changing a simple exercise?

Developments continue. For intra-oral films of all formats a new era is dawning. And with the advantages of the Dürr Periomat Plus X-ray film processor processing will become even easier for the dentist and his assistant.

The Periomat is a classic

For many years billions of intra-oral films throughout the world have been perfectly developed with the Periomat. The Periomat has always been reliable. Films processed have an archival life of more than ten years, thanks to the processors temperature-controlled chemical heating.

Of greatest importance to the Periomat's success story is also its advantageous application. Intra-oral pictures are developed, fixed and dried at the turn of a hand. Without a darkroom and the accompanying procedures – child's play and reliable picture quality.



*The Dürr
Periomat plus
keeps you in
the picture*



DEVELOPMENT WITH DÜRR PERIOMAT PLUS

The new Periomat adds a Plus

What distinguishes the Periomat is of course obligatory for the Periomat Plus. But it can do very much more!

Only 5 minutes for up to eight fully automatically developed films – the new Periomat Plus transport system

offers revolutionary benefits. Transfer of the films between the wheels has been speeded up and optimised film carriers allow the roller package a higher transmission speed. This innovation saves two minutes of each development process. Two minutes which shorten waiting times and add up from patient to patient.

Despite the shorter development times the picture quality remains perfect: good contrast, high density, secure archival quality. This is guaranteed by the new Dürr intra-chemistry which has been specially adapted to today's processor performance.



The Periomat Plus accepts up to eight films at the same time. In the daylight attachment they are removed from the protective cover, the covers fall into a waste container and the films are placed in the film entry. A lever then sends them all together down the 8 way processing channel.

In only five minutes, the Dürr Periomat plus develops up to eight intra-oral films

High-performance chemistry just like the tried and tested Periomat chemistry. One preparation is enough for 350 films or a standing time of 3 weeks.

A new idea on the Dürr Periomat Plus is the manual development flap. Endo films used for checking between operations and not for saving, can be cleanly dipped in the baths with tweezers. As quick as a flash the dentist can check his work and save valuable time.

The new water drainage and refilling system also saves time and effort. At the twice-weekly water changes the assistant simply drains the water via a hose. Refilling then takes place via the flap – exactly the right quantity without wasting a drop. This is ensured by the Periomat Plus measuring bottle with a filling nozzle.

Moreover, other innovations have been built into the Periomat Plus. The on/off switch flashes after switching on until the chemicals have reached the working temperature and are therefore ready for operation. A new temperature sensor eases bath removal and therefore chemical changing. The film transport in the drier has been integrated into the entire transport system. And should a fault occur, the safety switch protects other pictures from incorrect exposure. A whole series of useful extras therefore guarantee the Periomat Plus a important future role in the practice.



Developer – fixer – water bath – a lightning-fast clean developing result for endo films



The water can be easily refilled without wasting a drop

A simple exercise for the assistant

INTRA-ORAL FILM DEVELOPMENT IN THE PRACTICE

Application makes it so successful

The Dürr Periomat Plus is like a good friend. It does not get in the way and only requires a small amount of space, no darkroom, no water connection. It is always in its place, makes almost everything uncomplicated and convinces with results which you can rely on. It is what is inside that makes it the assistant's friend throughout the world.



The Dürr Periomat plus simply supports work in the practice

For a radiographic developer it is unbelievably easy to use. It only requires electricity and chemicals, and development can start right away. Nothing else is necessary in order to then develop perfect X-ray pictures.



With only one movement, the transportation-system can be taken out



Thorough cleaning of the film transport with the Perioclean set

No maintenance problems

Apart from the twice-weekly water change, which is easily done with the new water drainage and refilling system, a change of chemicals is only required after three weeks or 350 films. To do this the cover is simply removed as is the transport system and the baths are freely accessible. After disposal and cleaning the new developing and fixing preparation is easily dealt with as it is done directly in the baths.

Three to four times a year the transport system should be thoroughly cleaned. The Dürr Perioclean Set with a universal tank cleaner, bath and brush is the ideal solution for this. With the Periomat Plus it is just like having a good friend: the better the friend is treated the more satisfaction is obtained. And years of perfectly developed pictures.

The technology at a glance

Scope of delivery

Best.-Nr. 1307-01

Periomat plus,
with daylight hood,
with bath heating,
with flap

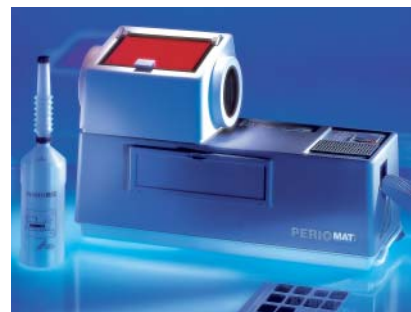
Different versions upon request

Suitable film sizes

Without adaptor	3 x 4 cm
With adaptor	5,7 x 7,6 cm
	4 x 5 cm
	2,7 x 5,4 cm
	2 x 3,5 cm
	2,4 x 4 cm

Technical specifications:

Voltage	230 V
Frequency	50 Hz
Total output	400 W
Current	1,8 A
Duty rating	100%
Process time	5 min.
Bath temperature	24°C
Weight	11,5 kg
Size (HxWxD)	40x63x25 cm



Dürr Periomat Plus with measuring bottle



With the adaptor the developing of all intra-oral pictures is possible



The new Dürr Periomat Intra-chemistry, developer and fixer exactly suited modern processor performance

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