

The perfect match for faster results

- All-in-one suspension
- Can reduce preparation time by 30%
- Easy to use and clean



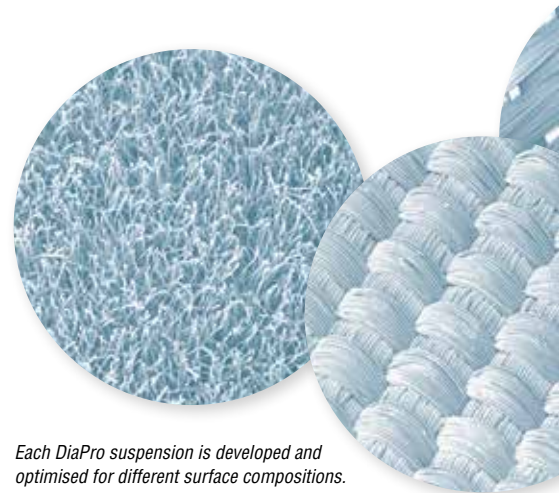
Faster preparation time and outstanding results

DiaPro is a line of unique diamond suspensions that make materialographic specimen preparation faster, more cost-efficient and easier to do.



Developed and optimised to deliver maximum performance

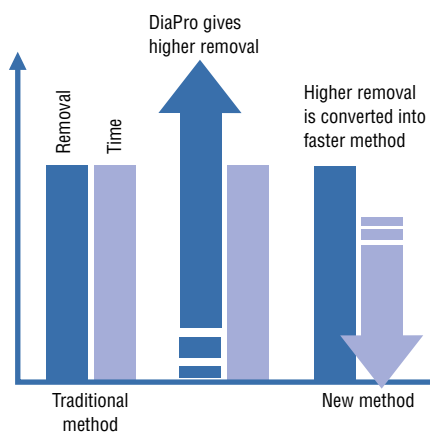
Extensive tests have shown that the composition of the surface, such as the polishing textile, has a remarkably high influence on the efficiency of the diamond suspensions used. Each DiaPro suspension has been developed and optimised to deliver maximum performance when used with Struers' specially designed grinding discs or polishing cloths. When used together, DiaPro suspensions and Struers surfaces give you a faster and more efficient way to realize reproducible and reliable results – every time.



Each DiaPro suspension is developed and optimised for different surface compositions.



Material removal chart



Reduce average preparation time by 30%

DiaPro suspensions are uniquely formulated to ensure a high removal rate. Tests show that DiaPro can reduce preparation time by 20-60% compared to traditional diamond products, depending on the used surface and the individual preparation method.

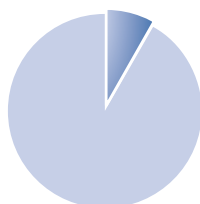
The higher removal rate means you can prepare specimens faster, and with less effort. You save time and consumables, and boost specimen preparation efficiency – without compromising quality.

7 Reasons to choose DiaPro

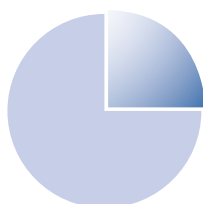
- High removal rate = Fast preparation time
- Consistent, reproducible results
- All-in-one
- No run-in time
- Easy cleaning
- Water-based, non-toxic
- Developed, produced and tested by Struers

Run-in time

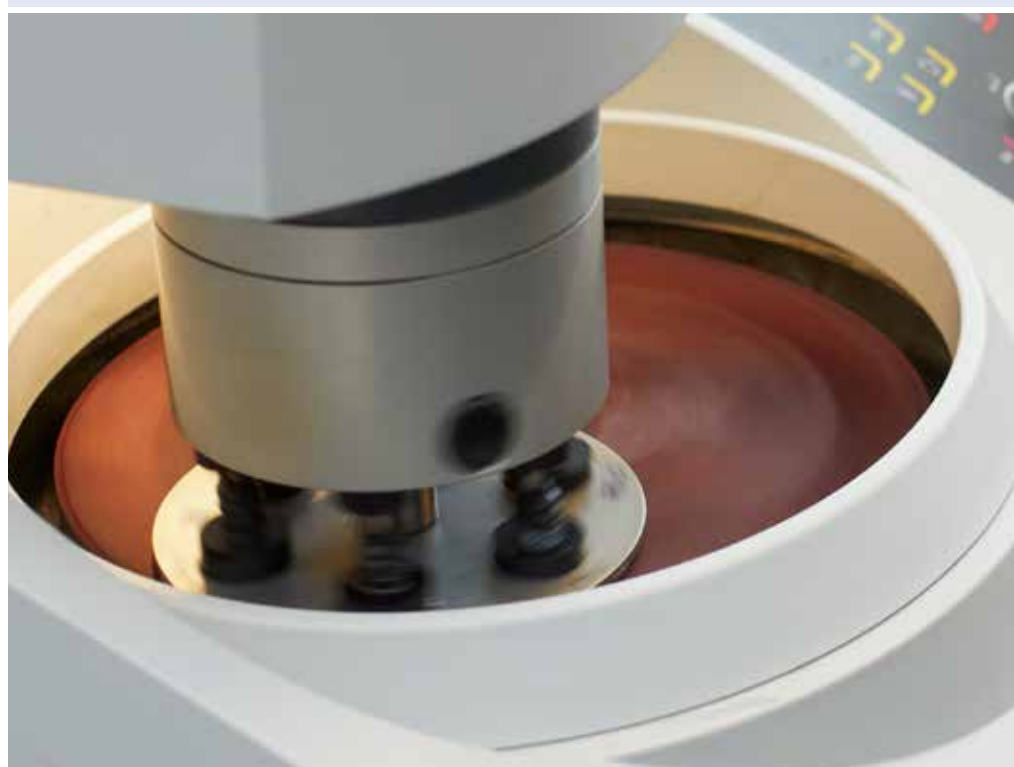
When using traditional diamond products, the cloths usually need 5-15 min. run-in time, but with DiaPro suspensions, polishing cloths run-in time is practically eliminated.



Struers' cloths



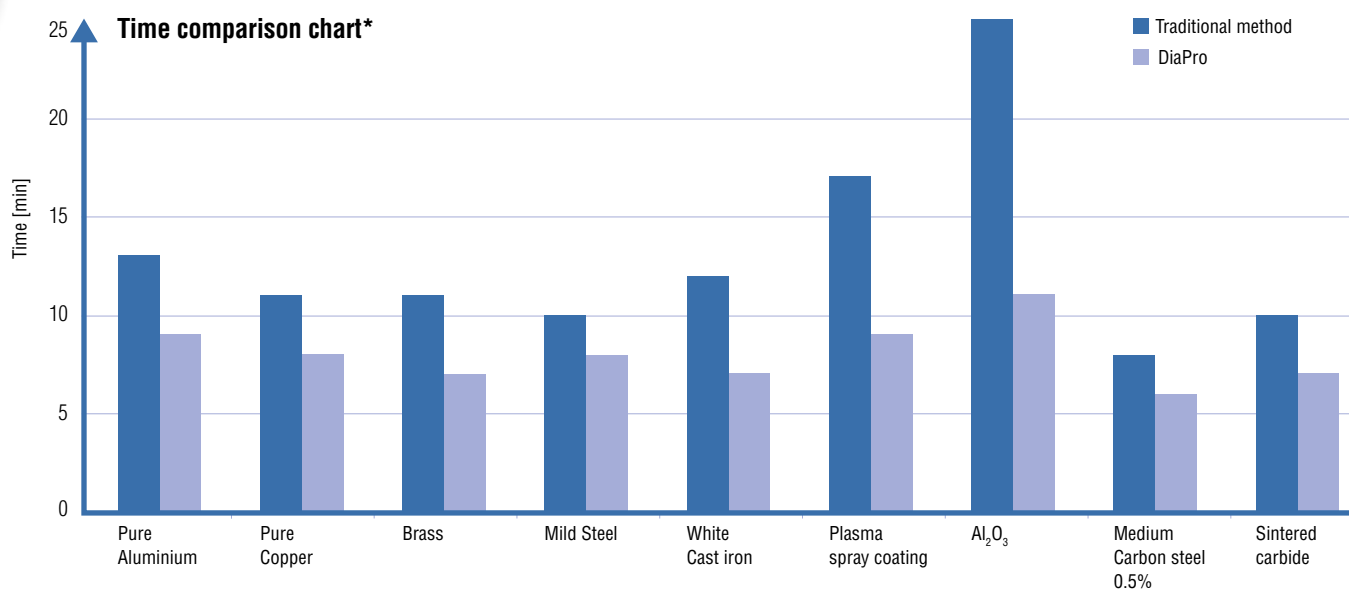
Competing cloths



Make specimen preparation easier and more efficient

DiaPro is an easy to use all-in-one suspension meaning that the optimal mixing ratio of high-performance diamonds and lubricants has been selected carefully and combined into one product. You no longer need to worry about applying enough or overdosing the diamonds. Based on extensive research at Struers, the optimal ratio of diamonds and lubricant has already been calculated for you. Just apply DiaPro to achieve the correct level of lubrication.

High removal rate implies a lot of grinding and polishing dirt. DiaPro suspensions are composed to make it easier to clean the specimens, the surface and the machine.



* Specimen size \varnothing 30 mm

SPECIFICATIONS**Cat.no****DiaPro**

DiaPro are unique diamond suspensions for faster, more cost-efficient and much easier materialographic specimen preparation. Each single DiaPro suspension has been developed and optimized for use on specific grinding or polishing surfaces.

DiaPro Pan 15 µm

For pre-polishing on MD-Pan and DP-Pan

500 ml

40600375

5 l

40600376

DiaPro Allegro/Largo 9 µm

For fine grinding on MD-Allegro and MD-Largo

500 ml

40600369

5 l

40600370

DiaPro Plan 9 µm

For polishing on MD-Plan and DP-Plan

500 ml

40600385

5 l

40600386

DiaPro Sat 6 µm

For polishing on MD-Sat and DP-Sat

500 ml

40600377

5 l

40600378

DiaPro Largo 3 µm

For polishing on MD-Largo

500 ml

40600391

5 l

40600392

DiaPro Mol B 3 µm

For polishing of hard materials (>150 HV) on MD-Mol and DP-Mol

500 ml

40600379

5 l

40600380

DiaPro Mol R 3 µm

For polishing of soft materials (<150 HV) on MD-Mol and DP-Mol

500 ml

40600393

5 l

40600394

DiaPro Dur 3 µm

For polishing on MD-Dur and DP-Dur

500 ml

40600395

5 l

40600396

DiaPro Dac 3 µm

For polishing on MD-Dac and DP-Dac

500 ml

40600371

5 l

40600372

DiaPro Plus 3 µm

For polishing on MD-Plus and DP-Plus

500 ml

40600387

5 l

40600388

DiaPro Flocc 3 µm

For polishing on MD-Flocc and DP-Flocc

500 ml

40600389

5 l

40600390

DiaPro Dur 1 µm

For polishing on MD-Dur and DP-Dur

500 ml

40600381

5 l

40600382

DiaPro Nap B 1 µm

For polishing of hard materials (>150 HV) on MD-Nap and DP-Nap

500 ml

40600373

5 l

40600374

DiaPro Nap R 1 µm

For polishing of soft materials (<150 HV) on MD-Nap and DP-Nap

500 ml

40600397

5 l

40600398

DiaPro Nap ¼ µm

For polishing on MD-Nap and DP-Nap

500 ml

40600383

5 l

40600384

Dosers

For manual dosing

Dosing Gun with 500 ml

40700031

Squeeze bottle 250 ml

40700032

For information on automatic dosing systems please require separate leaflet.

We care about the working environment

DiaPro suspensions are purely water-based and do not contain solvents. They are classified as non-toxic and thus the environmental-friendly choice of consumable. The products are extremely stable and do not settle, ensuring high quality and reproducibility.



The DiaPro suspension comes in 500 ml and 5 l.

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.

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Ensuring Certainty

With offices and affiliates in 24 countries and a presence in more than 50 countries worldwide, Struers is the world's leading materialographic solution supplier. We are dedicated to enabling our customers to ensure certainty in all aspects of materialographic preparation and testing as well as material hardness testing - wherever they are in the world. Struers offers a complete range of equipment, consumables, service and training programmes – all supported by the most comprehensive knowledge base, global applications support and a certified global service set-up.

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