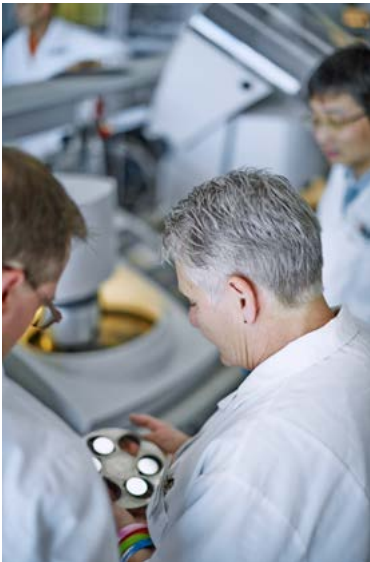


The Professional Materialographer

Training in Materialographic Sample Preparation



For more than 70 years, Struers has been one of the leaders in the field of materialographic sample preparation. Our worldwide position as the leading supplier of materialographic preparation equipment has given us a unique knowledge and experience that we want to share with you.

Through our work with materialographic sample preparation during many years, we have frequently met a strong wish for current training. Not for a long, theoretical education, but a short, concise program, comprising both practical preparation work and theoretical training. Therefore we have developed the training course: “The Professional Materialographer” also known as TPM.



The Professional Materialographer (TPM)

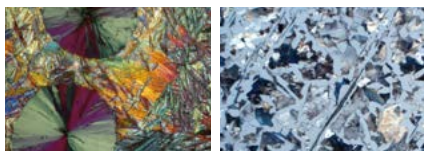
Struers have gained a wealth of experience whilst leading the materialographic sample preparation market for over 50 years. We would like to share this experience with you.

The Struers TPM course has been developed as a result of close collaborative work between Struers professional materialographers and today's market. The TPM course is focused and concentrated, combining hands-on sample preparation, method development and theoretical knowledge.

Continuous development

Struers is at the forefront of advanced equipment, consumables and application method development. The TPM course addresses these advances, ensuring you are prepared to meet future challenges.

Struers is in continuous dialogue with leading edge industrial and research organizations throughout the globe. That is why we can offer you a 3-day TPM course, providing thorough insight and knowledge into quality materialographic sample preparation. Our focus is on simplicity, standardisation and reproducibility.



You are the focal point

The TPM is an intensive course. You will be involved in the sample preparation process from start to finish: Cutting, mounting, grinding, polishing and etching prior to making a final evaluation. You will work with very soft to extremely hard materials. Some materials you may never have prepared before. You will see perfect preparation results. It need not be complicated – provided that you use fast, effective methods and the right equipment.

Theory and Hands-on training

The TPM course combines theoretical fundamentals of materialography and hands-on training using optimal Struers sample preparation methods, suiting a wide range of materials.

We encourage participants to prepare their own samples on the 3rd day of the course, tailoring learning to their own needs. The TPM course is suitable for all levels of materialographic experience.

TPM course participants will spend the majority of the time in our laboratory, emphasizing our hands-on concept. Knowledge gained in the classroom will be realized with practical laboratory work.

The 3rd day of the course is spent mainly in the laboratory with participants preparing their own unique samples.

You will utilize various Struers preparation methods that may prove to be faster, superior and more cost-effective than your current preparation procedure. The highly developed and well proven TPM course, unique to Struers, is now offered to all Australian and New Zealand materialographic customers. During the TPM you will achieve a significant improvement in your materialographic knowledge and skills. At the same time you will have the opportunity to exchange your own experience with fellow materialographers.

TYPICAL PROGRAM

Day 1

0900	Welcome
0915	Introduction to Materialography Coffee Break Collection of own samples
1045	Cutting Theory
1230	Lunch
1315	Mounting Theory
1400	Practical (Cutting/Mounting) Coffee Break
1530	Practical (Cutting/Mounting)
1700	End day one

Day 2

0830	Mechanical Preparation Coffee Break
0945	Selection of Methods
1115	Practical (Grinding/Polishing)
1230	Lunch
1315	Practical (Grinding/Polishing)
1430	Electrolytic Preparation Theory Coffee Break
1515	Cutting & mounting own samples
1700	End day two

Day 3

0830	Hardness testing
0930	Preparation of own samples
1230	Lunch
1315	Preparation of own samples
1530	Roundup and certificates
1600	End of TPM

Please contact us for further information

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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.

Learn more

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