

Delphi-X inverso

quick start manual for use of DIC



additional
user manual

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Quickstart

Preface

The Delphi-X Inverso has been designed for easy use of DIC imaging. The following steps will quickly guide you through the set-up process of the microscope

To work properly the setup of the DIC system needs a combination objective, condenser prisms, rotatable analyzer and the objective DIC prisms

The DIC prisms for objective and objectives work in specific pairs. Therefore, the DIC prism sliders are marked with the magnification of the matching objective

DIC prisms for condenser

The DIC prisms are already pre-mounted in the factory, there is no need to adjust anything

Setting up

1. Insert the objective prisms into the slots of the condenser positioned under the objective. The DIC prism sliders are marked with the magnification of the matching objective (photo 1)
2. Insert the rotatable analyzer into its slot (photo 2)
3. Set the condenser position to BF (photo 3)
4. Focus on your specimen (start with lowest magnification)
5. Rotate the analyzer till the image turns dark
6. Set the condenser position to DIC or DICII (photo 4)
7. Fine-tune the DIC image by rotate the analyzer





Phase contrast, fluorescence and brightfield microscopy

Remove the DIC objective prism, rotatable analyzer, change the condenser position from DIC or DICII to brightfield before starting microscopy. Doing so will increase the brightness of the image and overall image quality



