

Promicron Application Laboratory



A large number of devices for customer applications, system developments and demonstrations are available in our application laboratory (clean room).

Among other things, the following devices are currently available:

- Leica DM8000 convertet for IR inspection
- Promicron PROMIS-A VIS and IR inspection system with 6" and 8" wafer handling
- Promicron PROMIS-C inspection system with 4" and 6" wafer handling
- INM200 for structure width and layer thickness measurement
- Leica INS 3000 / 3300

PROMIS-A

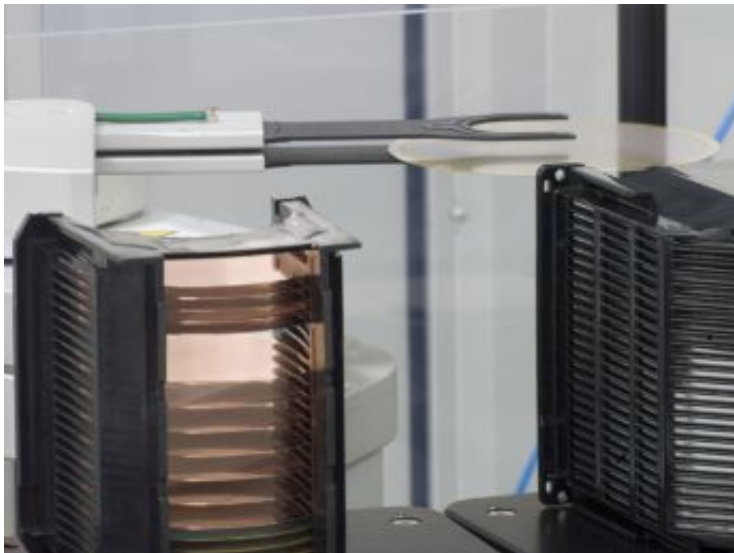
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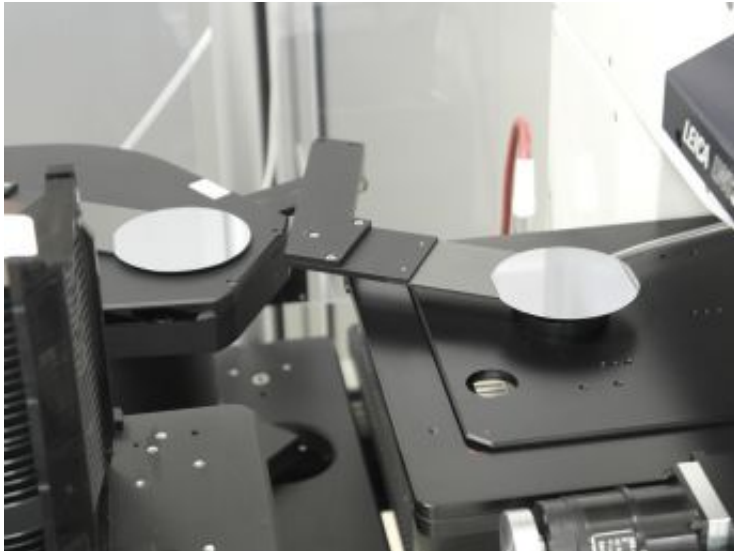
Our microscope station PROMIS-A, equipped with dual-arm robot and high-performance microscope, can be used for a wide range of examinations. Even transparent materials can be processed by handling and aligners.

PROMIS-C

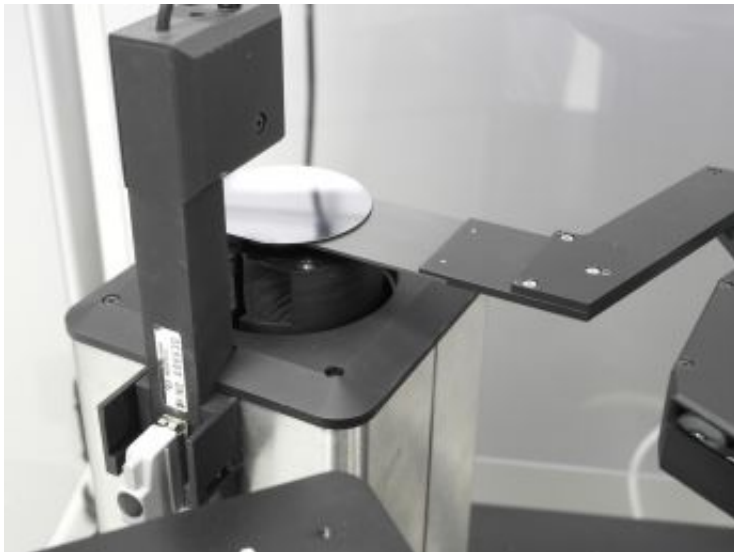
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There is a demonstration unit of our compact microscope station PROMIS-C available for demonstrations and application work.

Features:

- Handling of wafers with 3" to 6"
- Prealigner
- 2 Loadports
- Seperate base plate for microscope and robot
- SPS for sensor technology
- Cabinet with slot for robot controller and PC
- INM200 microscope, refurbished
- Bright- and darkfield
- Motoric interference contrast
- Optional transmitted light
- 1,25x to 150x magnification depending on the lens
- Motorized cross table

Leica INS3000 and INS3300

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We also provide a selection of refurbished Leica INS3000 / 3300 instruments for demonstrations and examinations. Furthermore, we are available for service and spare parts as well as for the modernization of existing equipment.