

ATR Family

25 Reflection ATR

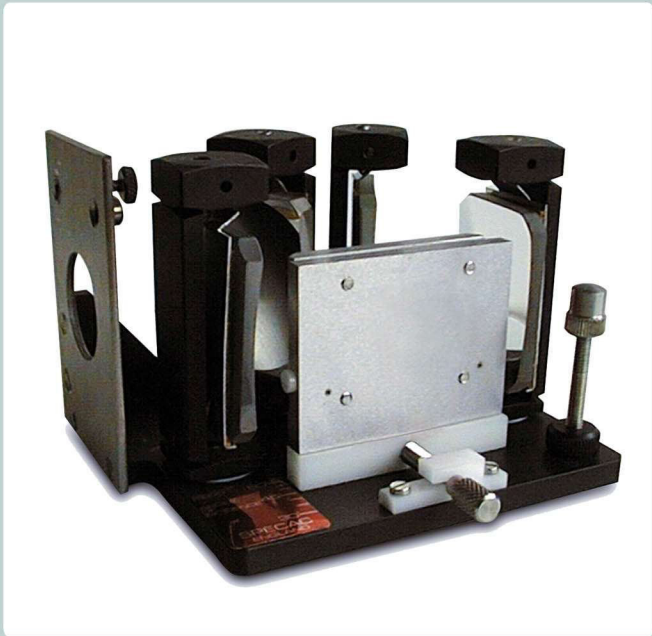
For high sensitivity ATR measurements using FTIR or dispersive instruments

The 25 Reflection ATR is a vertically mounted ATR crystal accessory capable of being operated for a crystal incidence angle of between 30° to 60°.

The large number of reflections and range on incident angles makes this accessory ideally suited for the enhancement of small bands in weakly absorbing samples.

To vary the depth of penetration, the angle of incidence is quickly and easily selected by moving the sample holder platform.

The accessory is supplied with a KRS-5 crystal as standard, but a variety of crystal materials such as ZnSe, Ge and Si are available to extend the sample handling and study capabilities of the accessory.



Key Features

- Variable angle of incidence (30°-60°)
- Very high sensitivity
- Suitable for both FT-IR and dispersive instruments
- Two pin sample location on sample mount
- Standard slide mounting
- Choice of crystal materials; KRS-5 as standard
- Interchangeable sample holders (solids, liquids and pastes)

Applications

- Solids
- Liquids
- Pastes
- Variable depth studies for coatings & films

Illustrations, descriptions and specifications in this datasheet were correct at the time of going to press. However, Specac's policy is one of continuous product development and we reserve the right to change descriptions and specifications at any time.

For the latest details please contact your local Specac office or representative.

Ordering Information

GS11000 25 Reflection ATR

Includes: Solids holders and KRS-5 crystal (45°)

Options

- GS11001 Solids holder
- GS11002 Pastes holder
- GS11003 Liquids holder

Spares and Consumables

- GS11004 KRS-5 crystal (45°)
- GS11006 Ge crystal (45°)
- GS11008 Gasket kit for liquids holder (5 sets)
- GS11004 Si crystal (45°)
- GS11006 ZnSe crystal (45°)

(30° and 60° crystals available on request)

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