

ReferencesDescription**SIMS 4550 BASIC SYSTEM**

SIMS 4550 Quadrupole mass spectrometer type SIMS instrument according to *SIMS 4550 System Performance V1.4 Nov. 2006* and *SIMS 4550 Product Description V1.4 Nov. 2006*

SIMS 4550 SYSTEM ACCESSORIESPrimary Ion Guns

*Note: at least one ion gun is mandatory to run the instrument.
A typical setup includes one cesium ion gun and one oxygen ion gun - depending on application.*

Ox FLIG Oxygen ion gun for 250eV to 5keV energy range

Cs FLIG Cesium ion gun for 250eV to 5keV energy range

Other Accessories

LOAD 100 Load port for small pieces and wafers up to 100mm

POSTACC Postacceleration of secondary ions

TRAINING Installation, testing, two weeks of training
(12 months warranty are included in the basic system price)

NEG Charge compensation electron gun for insulator analysis

Options

TWISTER Automatic sample exchange system

HEAT Heater in sample transfer for degassing

OCE Laser for sample conductivity enhancement, e.g. For SiGe

SAMPLE IR18mm Sample holder for irregular shape samples, max. Diameter 18mm

SAMPLE 17 Sample holder for 17 pieces

SAMPLE T29s 2x sample holder top 29mm spring

SAMPLE 6w29 Sample holder 6 windows 29mm

SAMPLE T100 Sample holder for 100mm wafers

MOUNTING Duo sample mounting support

ANALYZER Analyzer software with license

Subtotal

Discount

Total system Price (FCA Munich Airport, Germany)

Additional options

UPS Uninterrupted Power Supply