



CODE GT2416
 MODEL SPECTRO TITAN
 OVERALL DIMENSIONS ... 25x28x9 cm
 POWER Li-Ion batterie 7,2 V
 WEIGHT 1,5 k g

ICE 3300 ATOMIC ABSORPTION SPECTROMETER

STANDARDS

ISO-10545-15

DESCRIPTION

The iCE 3300 Atomic Absorption Spectrometer, single flame atomizer system with fully automatic gas box provides a complete elemental analysis solution incorporating simplicity and an innovative design to achieve superior performance makes even the most complicated analyses simple. Superior, high precision double beam optics provide unrivalled performance, unparalleled detection limits and exceptional optical stability while the innovative hardware design minimizes the footprint of the instrument and ensures that day-to-day analysis and maintenance is simple and minimal, developing methods and maintaining the instrument is easy. Safety comes as standard with integrated hardware safety features and automatic MFC gas controls. The Ice 3300 Spectrometer needs to work by means of a PC to be purchased as an optional accessory.

TECHNICAL SPECIFICATIONS

Optics: Double Beam
 Monochromator: 0,27 m Ebert type
 Photomultiplier: Choice of standard or wide range types
 Furnace Atomiser option: GFS33 combined module
 Cooling chamber to perform the thermal cycle (-3°C + $+5^{\circ}\text{C}$) according to the standard ASTM C1026-13.
 Flame Atomiser: Universal system (uses 50 mm Ti burner)
 Lamp carousel to accommodate 6 lamps auto-aligning, each with a dedicated power supply
 Double beam Stockdale optics for superior drift correction
 Background correction: Quadline deuterium system
 Wide range PMT (185 + 900 nm)
 Accepts single/multi-element and coded/uncoded lamps
 Optical system is high energy and silica coated

SOFTWARE:

Fully automatic optimization routines
 SOLAAR software supplied as standard
 Choice of 9 languages
 Comprehensive context sensitive help function
 Full cookbook with information on instrument set up, hints on sample prep and matrix modifiers
 Extensive trouble shooting guide
 Cadmium and Lead Data Coded Hollow Cathode Lamp Accessory

EQUIPMENT

- Instrument, Software included as standard, instruction manual

ACCESSORIES AND SPARE PARTS

GT0288	Notebook with colour printer
GT2417	Cadmium Data Coded Hollow Cathode Lamp
GT2418	Lead Data Coded Hollow Cathode Lamp