Teledyne Technologies Incorporated is an American industrial conglomerate. It was founded in 1960, as Teledyne, Inc., by Henry Singleton and George Kozmetsky.

Teledyne Technologies Incorporated provides enabling technologies for industrial growth markets that require advanced technology and high reliability. These markets include aerospace and defense, factory automation, air and water quality environmental monitoring, electronics design and development, oceanographic research, deepwater oil and gas exploration and production, medical imaging and pharmaceutical research.

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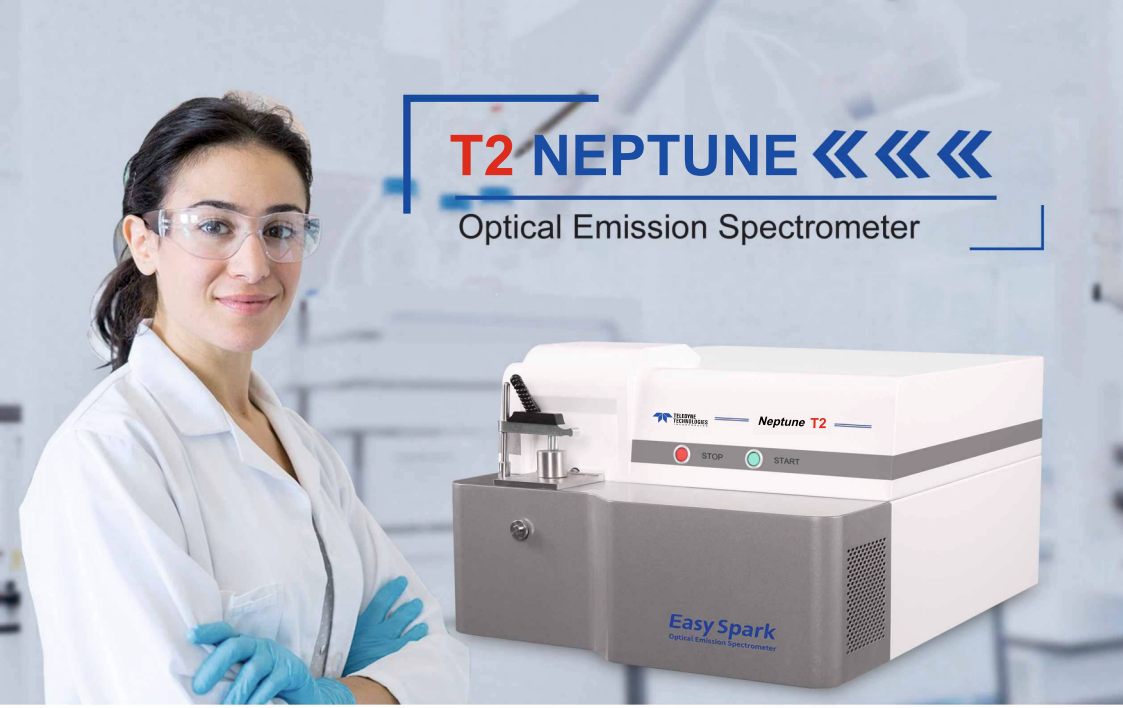


Product Introduction »»

Innovate T2 NEPTUNE spectrum Optical Emission Spectrometer adopts vacuum optical chamber design and all-digital excitation light source and applies Japan Hamamatsu's most advanced CMOS signal acquisition components, and each CMOS can be individually set parameters. This CMOS spectrometer not only contains the full-spectrum characteristics of CCD, but also has the extremely low detection limit of PMT for non-metallic elements, which has the advantages of accurate data and good long-term stability.

Matrix »»

Fe, Al, Cu, Mg, Zn, Ni, Co, Ti, Sn, Pb etc.

Technical Parameters »»

Items	Parameters
Optical System	Paschen-Runge mounting
Grating Focal Length	401mm
Wavelength Range	140-680nm
Operating Power	AC220V/50Hz
Operating Temperature/Humidity	10-30^{0}C 20-80%RH
Dimension and Weight	L590*W790*H350mm 78kg

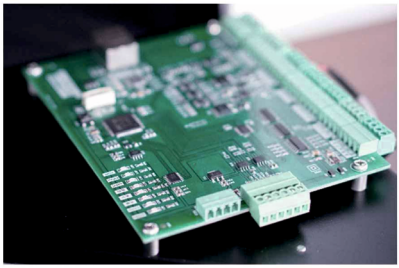
Application »»»

- Casting
- New Material
- Metal Processing
- Aerospace
- Quality Control
- Scientific Research
- Metallurgy
- Metal Materials
- Quality Assurance
- Mechanical Processing

Product Features »»»

- Precision valves block design, accurate and reliable airflow, enhance the stability of analysis.

- Pulse synthesis programmable digital light source, can optimize the parameters according to different materials and elements to ensure the accuracy of analysis.



- High-voltage safety protection design, one-key excitation, one-key stop, convenient and quick.

- Intelligent curve function can meet the demand for material analysis, truly realize the analysis of unknown samples, no need to get entangled in the choice of model, the operation is more simple.

Metal producing and fabricating plants require truly advanced elemental analysis at every step from incoming materials to in process testing to final inspection for outgoing quality. One analytical instrument measures up every time.

With outstanding repeatability, reproducibility, and reliability, Teledyne T2 is introducing advance technologies in field of optical emission spectrometer. Its fast, accurate, cost effective measurements add certainty to critical supply chains.

Users get ultrafast information on changing process conditions. Also drastically reduced cost of ownership - with lower consumables, plus advanced diagnostics and easy maintenance to prevent expensive downtime.

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