

PRESS RELEASE

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FREE LITERATURE: A new technical note on Prodigy ICPs Wide Wavelength Range

Hudson, NH - Since the introduction of ICP-OES in the early 1980's, most instruments have offered a wavelength range which approximates 165 to 777 nm. Once the transition from photomultiplier tube to array detection occurred, wavelength coverage tended to be reduced by either limiting the user to discrete spectral segments where (in the designers opinion) the most useful emission lines existed or where the manufacturer chose to eliminate large regions of the spectrum.

A new technical note describes a new Cesium Emission Line with a detection limit 600 times lower than the wavelength formerly thought to be the primary line. This new emission line was found using a Prodigy High Dispersion ICP. Prodigy offers continuous wavelength coverage between 165 to 1100 nm while providing very high spectral resolution in the critical 175 to 350 nm region. The distinct advantage to such a large wavelength coverage is demonstrated in this technical note.

To receive a copy of the Power of Prodigy's Wide Wavelength Range Technical Note, contact Teledyne Leeman Labs, 6 Wentworth Drive, Hudson, NH 03051. Telephone (603) 886-8400, Fax: (603) 886-9141 or email: LeemanLabsinfo@Teledyne.com.

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