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► To cite this version:

K.H. Purser. A new tandem surface analyser. *Revue de Physique Appliquée*, 1977, 12 (10), pp.1586-1586. 10.1051/rphysap:0197700120100158600 . jpa-00244375

HAL Id: jpa-00244375

<https://hal.science/jpa-00244375>

Submitted on 1 Jan 1977

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A NEW TANDEM SURFACE ANALYSER

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Résumé. — On discute d'un nouveau type d'analyseur de surface basé sur le principe du tandem.

Abstract. — A new surface analyser based on the tandem principle will be discussed.

A new surface analyzer based on the tandem principle will be discussed for applications in the fields of Rutherford backscattering analysis, proton induced x-ray analysis, heavy ion induced x-ray surface analysis, and inverse nuclear reaction analysis. The technology

of large accelerators including inclined field tubes, negative helium generator and sputter source technology have been combined to produce this new machine which will be primarily used outside the field of nuclear physics.