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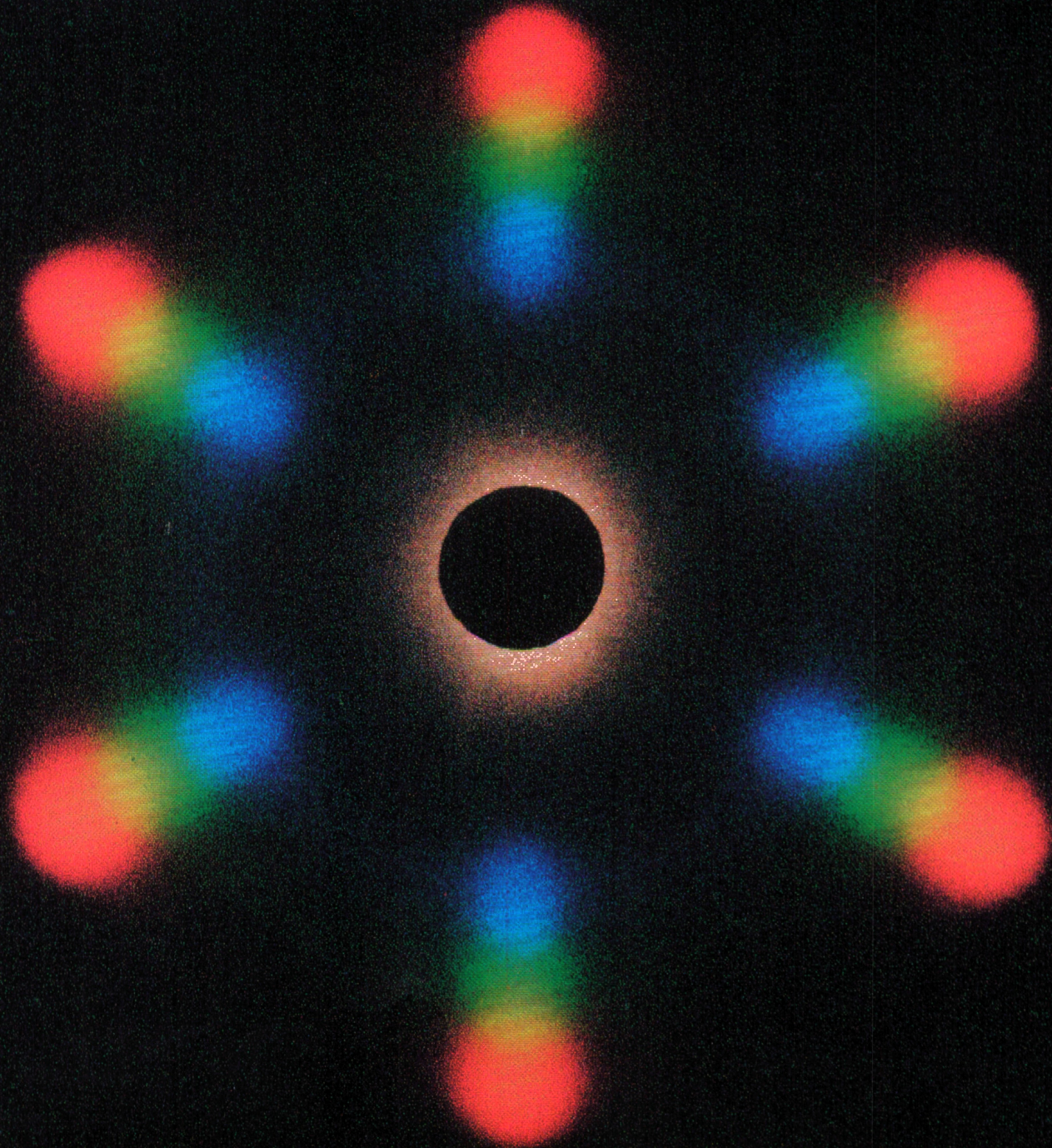
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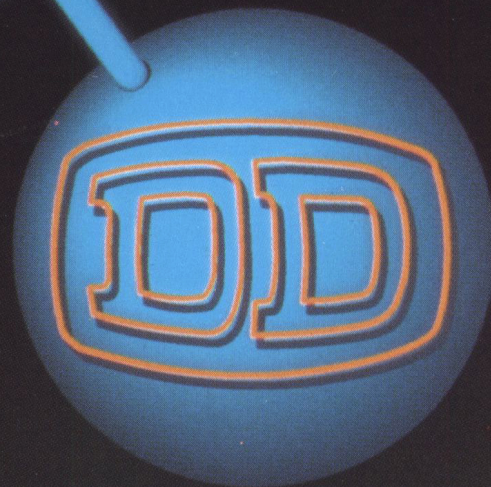
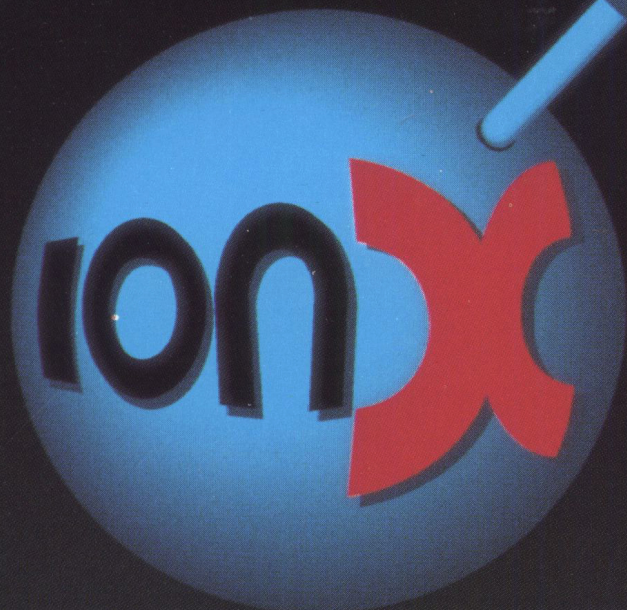
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## Materials Rheology



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**ON THE COVER:** Stable suspensions of colloidal particles can become highly ordered during flow. The diffraction pattern shown in the cover photo gives dramatic, colorful evidence of the rigorous ordering of monosized particles in a two-dimensional hexagonal packing. For more about this topic, see "Interrelationships of Particle Structure and Flow in Concentrated Suspensions" by R.L. Hoffman on p. 32.

# MRS BULLETIN

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The Materials Research Society (MRS), a nonprofit scientific association founded in 1973, promotes interdisciplinary goal-oriented basic research on materials of technological importance. Membership in the Society includes more than 10,000 scientists, engineers, and research managers from industrial, government, and university research laboratories in the United States and more than 40 countries.

The Society's interdisciplinary approach differs from that of single-discipline professional societies because it promotes information exchange across the many technical fields touching materials development. MRS sponsors two major international annual meetings encompassing approximately 50 topical symposia, and also sponsors numerous single-topic scientific meetings. The Society recognizes professional and technical excellence, conducts short courses, and fosters technical interaction in local geographic regions through Sections and University Chapters.

MRS participates in the international arena of materials research through the International Union of Materials Research Societies (IUMRS). MRS is an affiliate of the American Institute of Physics.

MRS publishes symposium proceedings, *MRS Bulletin*, *Journal of Materials Research*, and other publications related to current research activities.

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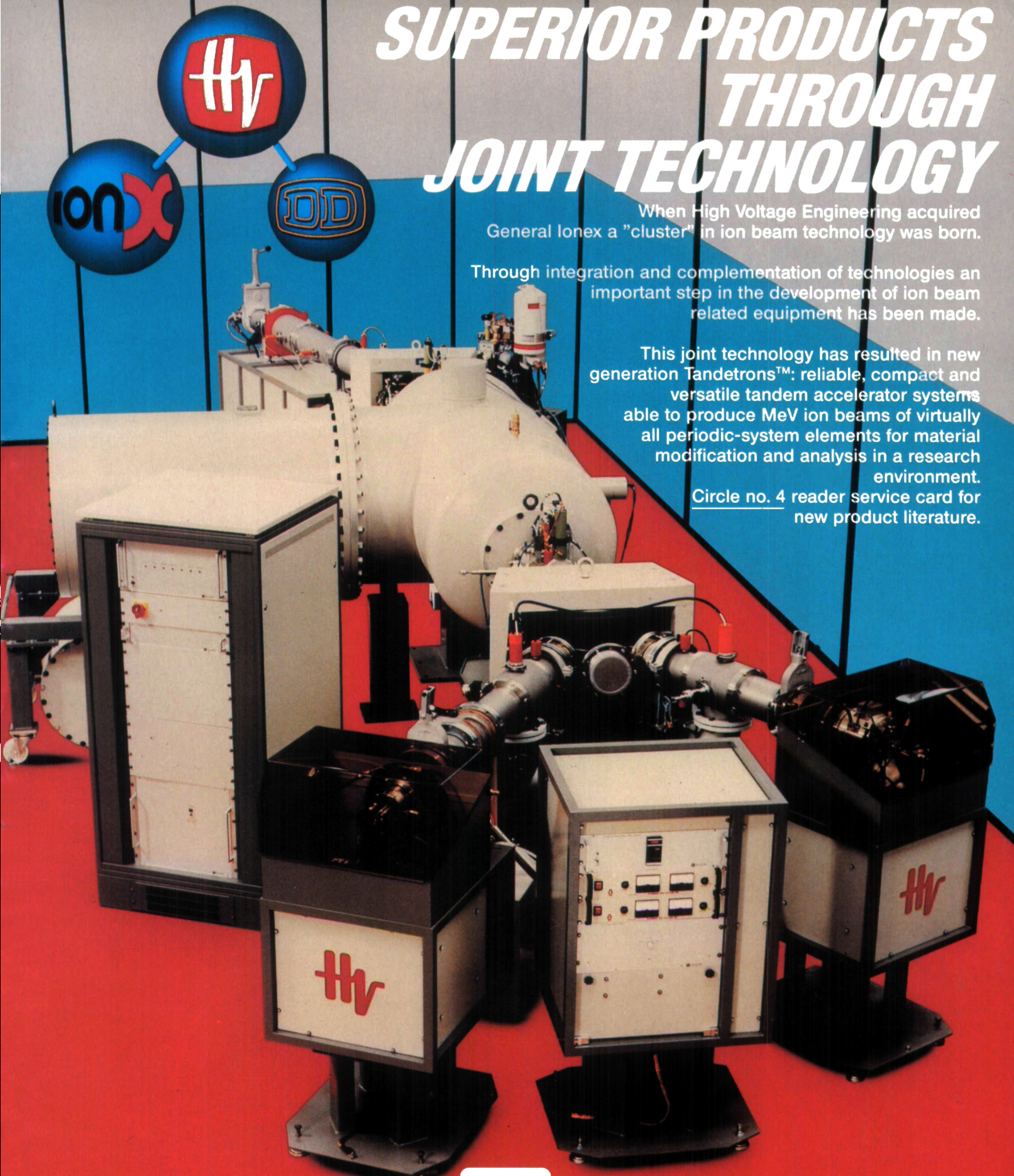
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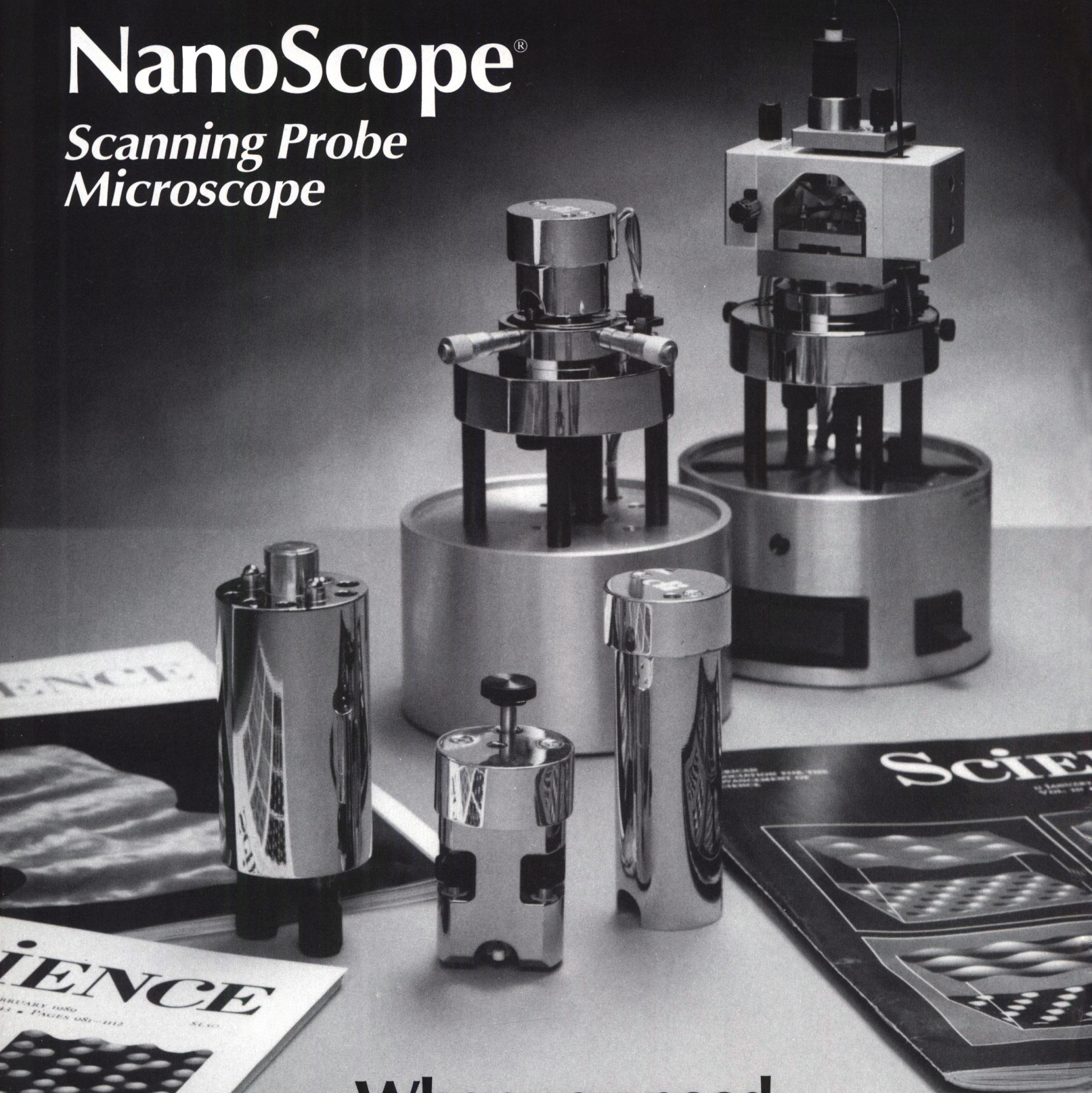
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