

Now. Push a button, get this particle profile.

With any carrier, liquid or dry, the new HIAC PA-720 delivers the most comprehensive particle size analysis a single system can give you.

HIAC's new PA-720 Particle Size Analysis System counts, sizes, analyzes, summarizes. It computes, prints and plots. It gives you expanded-scale close-ups. Its powerful microprocessor provides insight into particle population and volume (weight) distribution in any carrier. Immediately. In applications across the board—research, materials control, production control—the HIAC PA-720 overcomes long-standing restrictions. Your powder sample can be analyzed in water, alcohol, air, inert gases, solvents—even viscous oils. No electrolyte is needed. State-of-the-art light-blockage sensors size and count particles one at a time from $1\mu\text{m}$ to $2500\mu\text{m}$ with 24-channel characterization. And calibration is assured by traceability to NBS and ISO.

Multiple Data Outputs. Both printed and plotted size distribution data is provided. Replicate runs are automatically averaged and key information summarized. Included are particle diameters, background-corrected counts, standard deviation, and statistical profile by number and volume (weight). X-Y plots are presented in any of six modes. And you can pre-set values for production control, and be alerted when tolerances are exceeded. **No other system tells you so much about so broad**

a range of samples in so wide a choice of carriers. And no other system works so precisely, so quickly, so easily. **Ask us to show you.** Write or call for literature and a free demonstration on your material, in your lab. See how simple particle size analysis has just become.



HIAC PA-720 Particle Size Analysis System: from right, vacuum sampler, analyzer-data processor, data printer, plotter. Pressure sampler and dry sample feeder also available.

PACIFIC SCIENTIFIC

HIAC/ROYCO
INSTRUMENTS DIVISION

141 Jefferson Drive, Menlo Park, CA 94025. Phone: 415-325-7811

Pacific Scientific, Inc. Allmend Center, CH-4460 Gelterkinden/Basel, Switzerland.
Pacific Scientific, Inc. 8 Cambridge Rd., Brighton, Sussex BN3 1DF, England.

CIRCLE 106 ON READER SERVICE CARD