

In John Valleau's office LM421E, there is a variety of old equipment and instruments, which are include in this catalogue in their appropriate groups, including:

A Moving Boundary Transport Apparatus built by Andy Gordon and Frank Wetmore in the 1930s-1940s?. IMG 2272 [Review of methodology McGuiness and Longworth, Chem Rev., vol11, p171 (1932); AR Gordon, Ann. Rev. Phys. Chem., vol 1, p59-74 (1950)]. This was used to measure ion transport numbers and the boundary between the two ion solutions was clearly visible and its position could be measured.under different conditions.

A very sensitive galvanometer (black, #733501) with a mirror which allowed enhanced sensitivity, since its deflection is brought about by even a very small current. IMG 2268

An air-driven stirring device IMG 2287

A General Electric galvanometer IMG 2261

A General Radio Decade Resistance Box IMG 2273

A Weston AC DC Voltmeter from 1927 IMG2279

A Honeywell Rubicon galvanometer IMG 2288

A Weston Standard cell IMG 2292

A Hartmann and Braun AG Frankfurt: DC current Ammeter? IMG 2286

A Box of Sartorius weights IMG 2294

Another box of weights in a black box – Permas? from Fisher Scientific IMG 2295

A Mallory Reference Mercury Battery IMG 2297 and 2298

A box of large weights - Ohaus Sto-away, Class-Q-Metric? IMG 2299

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In addition, as personal items, John Valleau has a brand-new Sartorius analytical balance, and the first "portable" computer - a Corona Data Systems, Sperry SPX (T3097-02), IMG 2302.