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Most of the 19th- and early 20th-century physics texts in my collection have frontispieces: a telegraph system, the cross-section of a steam locomotive, colored lithographs of spectra, etc. One of my favorites is the wood-cut illustration of an apparatus collection that serves as the frontispiece to Hotze's 1897 physics textbook. In modern parlance, this is a conceptual text as it does not have a single equation.

The original frontispiece listed the apparatus in order across the illustration. I have reorganized the list in alphabetical order. How fast can you (and your students) identify the pieces of apparatus?

Balance and weights
Barometer (two of them)
Clock
Galvanic battery
Hero's fountain
Hour-glass
Magnet
Magnetic needle
Microscope
Mirror
Spirit Lamp
Steam Engine (and two applications in the background)
Telescope
Thermometer
Vacuum pump
Water pump

References
2. The text to the illustration lists Hero’s (or Heron’s) fountain, but this is a misnomer. The true fountain is much more complex and is discussed in Thomas B. Greenslade Jr., “19th century textbook illustrations—XLI: Hero’s fountain,” *Phys. Teach.* 20, 169–170 (March 1982).