



The Pieler lamp was an extremely poor choice for any other use other than mine gas testing. In the presence of gas, the lamp would heat up quickly and when the concentration was high, the flame would fill the lamp. Intended to detect gases when the concentration was too small for measurement with a standard Wolf type safety lamp, the Pieler would almost inevitably cause an explosion if brought into the presence of a substantial body of gas.

The lamps shown here are as depicted in the 1915 catalog of the Draeger Oxygen Apparatus Co. which was a representative of the Wolf Safety Lamp Co.