

Device for storing and mixing two gases

ABSTRACT

The invention relates to a device for storing and mixing two gases or mixtures of gases under pressure.

It comprises an outer chamber (10) containing the first of said gases and equipped with an opening (12); an inner chamber (30) arranged inside said outer chamber containing the second gas, and equipped with an opening (32); a two-way valve (14) comprising a body fixed hermetically in the opening of the outer chamber, a first passage (18) having one end connected to the inner chamber and equipped with first controllable shut-off means (26), and a second passage (20) having a first end connected to said outer chamber and equipped with second controllable shut-off means (28); first (41) and second (42) means of adjusting flow rate and pressure (36, 38), each being connected to one of the passages of said valve; and first and second pipes (46, 48) for connecting the outlet of each adjusting means to a single outlet (52).

Figure 1