



Lay-out testing situation

Drill-head



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1. Lay-out Testing Situation

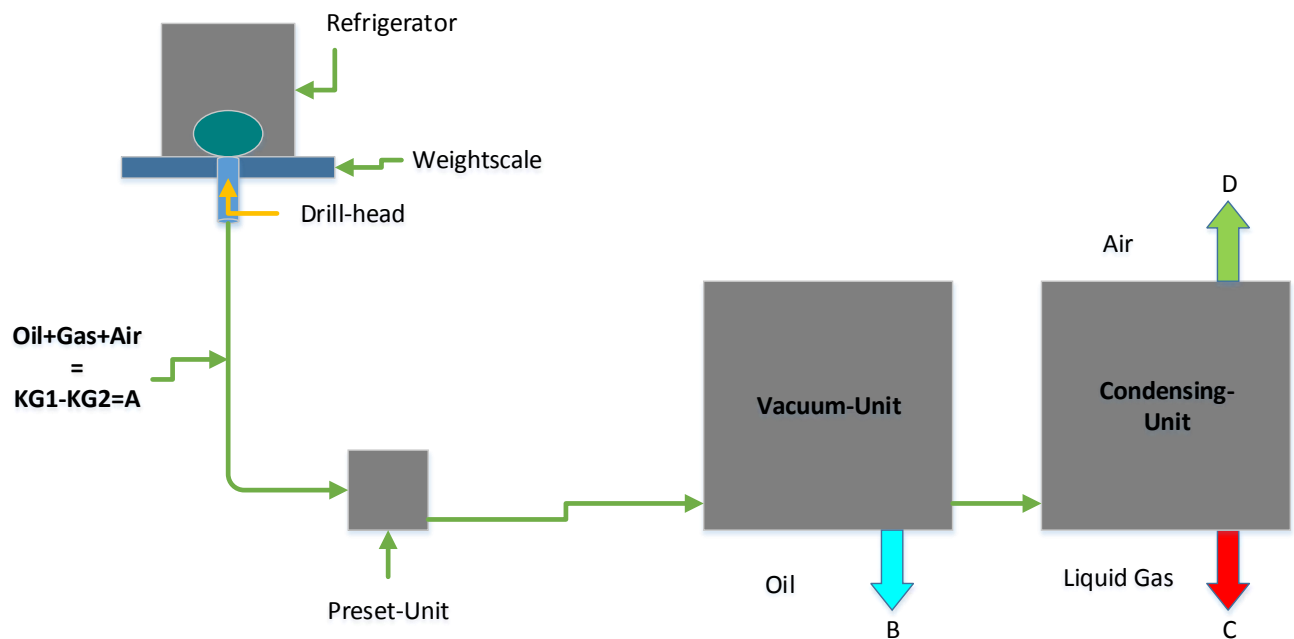


Figure 1: Lay-out

1.1. Explanation of the lay-out

Weight **before** draining = KG 1

Weight **after** draining = KG 2

$$\frac{(B+C)}{A} \times 100\% = \text{mass balance}$$

$$A - (B-C) = D \quad (= \text{loss of liquid gas} = \text{CFC})$$

E = expected amount of CFC based on filling weight on label

$$\frac{C}{E} \times 100\% = \text{recovery rate}$$

A = calculated

B = measured on weight scale

C = measured on weight scale

D = calculated

E = assumed to be there based on label in refrigerator

Beware only what leaves the compressor during the degassing cycle affects the mass balance. If something is missing on the recovery rate that means that oil or gas did not leave the compressor during the degassing cycle. Or it simply was not there.