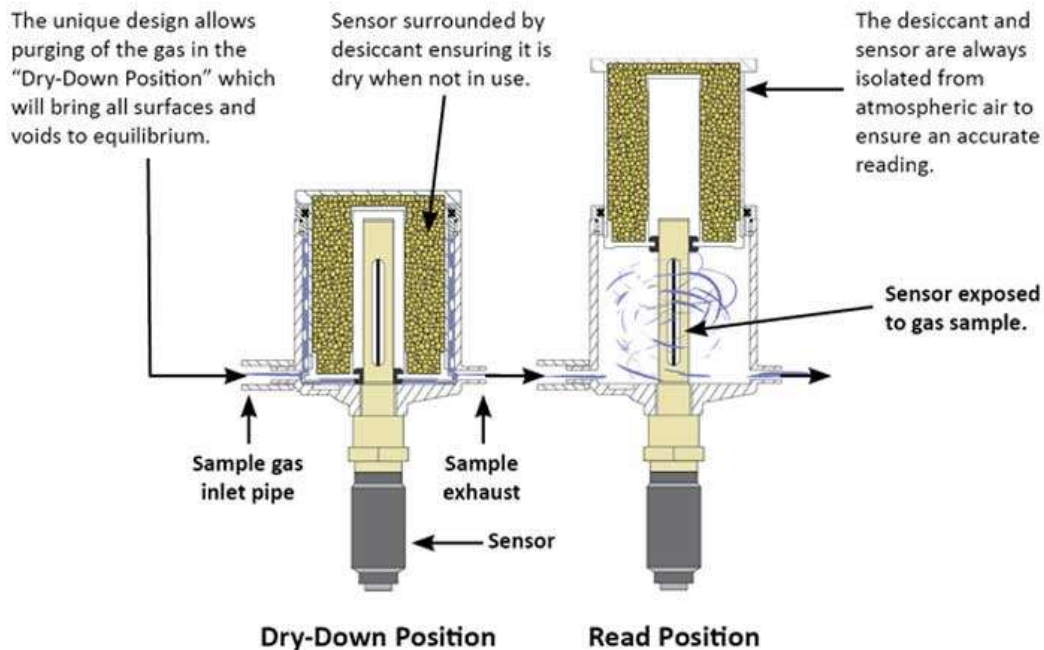


# SHAW Desiccant Head Assembly



The unique design of the head chamber keeps the [dewpoint sensor](#) dry between tests to ensure that the instrument is always ready to carry out rapid spot checks. This is achieved by surrounding the dewpoint sensor with desiccant before the head is lifted for sampling.

At no time is the [sensor](#) allowed to come into contact with ambient air, as the desiccant and dewpoint sensor are always isolated from atmospheric air. The head chamber is also designed so that the void space and chamber wall surfaces are purged with sample gas, prior to exposure of the dewpoint sensor, bringing all surfaces and voids to equilibrium, giving faster, more accurate and reliable results.