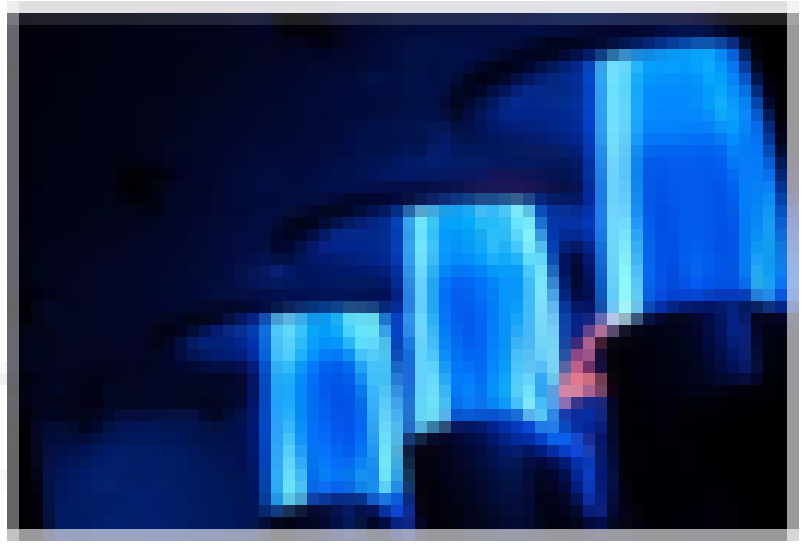controllo preciso del rapporto del gas