



Coating Processes

Application Notes



Coated tablets

Background

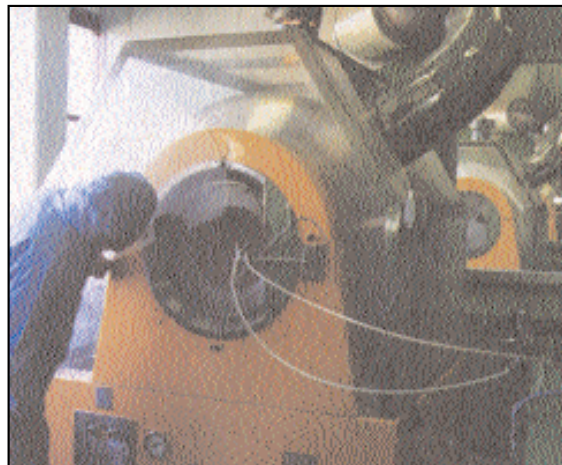
The coating process is widely used in the pharmaceutical and confectionery industries for coating tablets, pills and sweets for easier swallowing and to prevent dehydration of soft centres. It is important, therefore, to control the humidity during the spray coating process to ensure the tablets and sweets have a smooth, aesthetic outer coating. An added advantage of monitoring the process is that drying time is allowed to be kept to a minimum.

Measurement Technique

Dewmet meets accuracy requirements of manufacturers ISO9000 registration.

Reference Users

Boots Pharmaceuticals, Dandy Stimerol Chewing Gum, Glaxo SmithKline, Nestlé, Rowntree Macintosh, Trebor Bassett



A tablet/confectionery dryer



The Dew Point Specialists

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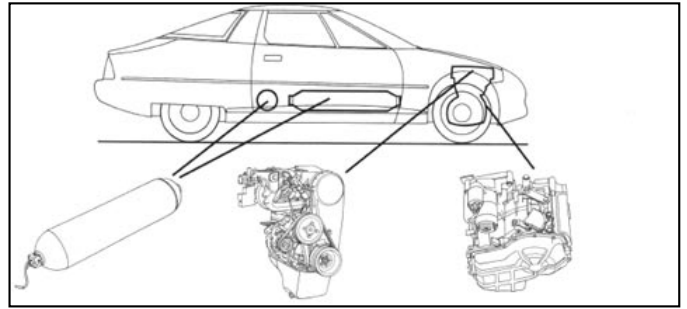


It follows that with 6500 CNG filling stations World-wide, and many more to be built and commissioned over the coming years, a key safety feature will be the incorporation of proper compressor/dryer packages to ensure compliance of the CNG.

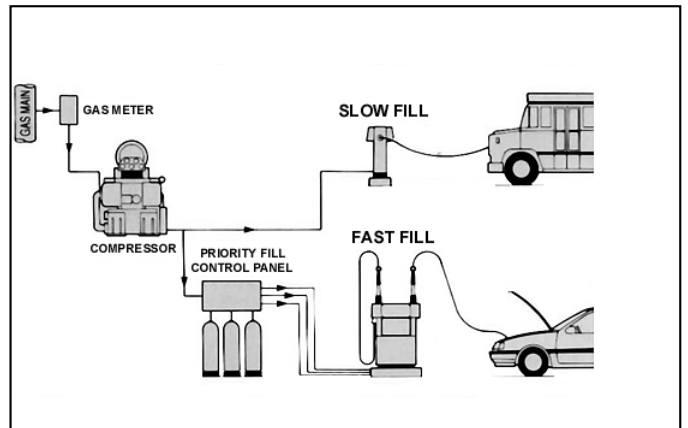
Instruments

Michell Instruments is already supplying numerous on-line and portable intrinsically safe hygrometers for the measurement and control of CNG dryer performance and is set to become the de-facto standard supplier for this burgeoning market.

Cermax IS is ideally suited for portable spot-checks of dryer performance by site/service engineers, whilst Transmet IS provides a low cost solution for the on-line monitoring and changeover control of natural gas dryers, at pressures up to and beyond 250 bar g.



A compressed natural gas (CNG) vehicle uses an internal combustion engine for propulsion. The engine is powered by CNG



Typical CNG filling station layout



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