



TELEDYNE ANALYTICAL INSTRUMENTS

application bulletin

APPLICATION:

- Transportation of Chemicals and Feed Stocks

TAI SOLUTION:

Model 311, Model 3110

Many chemical and plastics plants buy raw materials or refined feed stocks. When these are shipped (by truck, rail, barge, etc.) they often require “blanketing” against oxygen to protect against oxygen contamination. Both the shipper and the recipient check the blanketing.

Application Approach

TAI’s models 311 and 3110 are ideal for spot checking blanketing for traces of oxygen.

The units weigh only about 8 pounds and are completely self-contained. No ancillary gases are required, no flow controllers, and there is essentially no warm-up time.

The 311 and 3110 are battery powered and are intrinsically safe so the customer can use them anywhere without worry over hazardous conditions.

These instruments also lend themselves to checking many different loads. Since the sensor within is specific to oxygen, it can be used on almost any gas without modification.