The Kemtrak NBP007 is a high resolution backscatter photometer that revolutionizes the measurement of high concentration suspended solids.

Traditional turbidity based optical measurement instruments lack resolution and stop working at approximately 1% suspended solids due to the extremely high optical density. This limitation is overcome with the NBP007 and for the first time the operator can monitor and have complete control over their process.

By knowing exactly what is happening at all times, process changes can be quickly implemented that result in substantial cost savings.

Benefits:
- 0.0005% (5 NTU) - 100% suspended solids
- Real time in-line measurement
- Zero maintenance
- For use with DN25/1” TriClamp probe or Ø12 mm PG 13.5 immersion probe

Hygienic backscatter probes with sapphire windows have no electronics that would be damaged by high temperature process streams or sterilization cycles and are suitable for hazardous area use.

Standard features include multiple product switching, signal damping and data logging. A graphical internet based interface allows remote operation, calibration, validation and data trending using a standard web browser eliminating the need to install software.

All Kemtrak products are made from the highest quality materials and are designed to the most demanding specifications to ensure long life and the highest reliability.
A unique benefit of the Kemtrak backscatter probe is that it does not go blind at high sample turbidity.

Other probes will stop working at 4000 NTU/FNU (<1 wt% solids) after which the signal will decrease resulting in an erroneous and misleading output. The output of a Kemtrak backscatter probe will continue to increase with sample concentration ensuring a reliable measurement.