

Zone Isolation Technologies

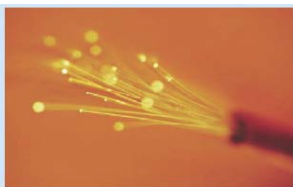
ZIST™ Multilevel System

Next Generation Monitoring System

ZIST™ provides verifiable isolation of the well screen when the pump is docked in the Well Screen Receptacle (located between the well screen and riser pipe). The pump docks with the receptacle and does not sample water from the riser pipe above the receptacle.

Installation of ZIST™ Multilevel systems are either embedded or suspended in monitoring wells - Direct burial of nested multilevel system within a borehole, temporary drill casing used for installations (Hollow stem auger, Air rotary casing hammer, Dual well percussion or sonic). Mud rotary and air rotary installations may also be used.

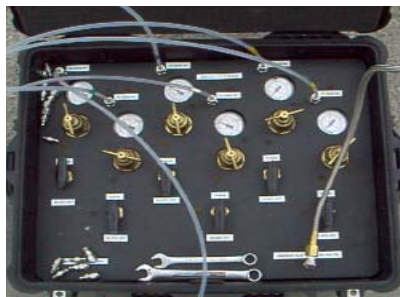
Multilevel systems reduces purging and sampling time and cost throughout the life of the projects. The simultaneous control unit allows purging and sampling of each different zone at the same time.



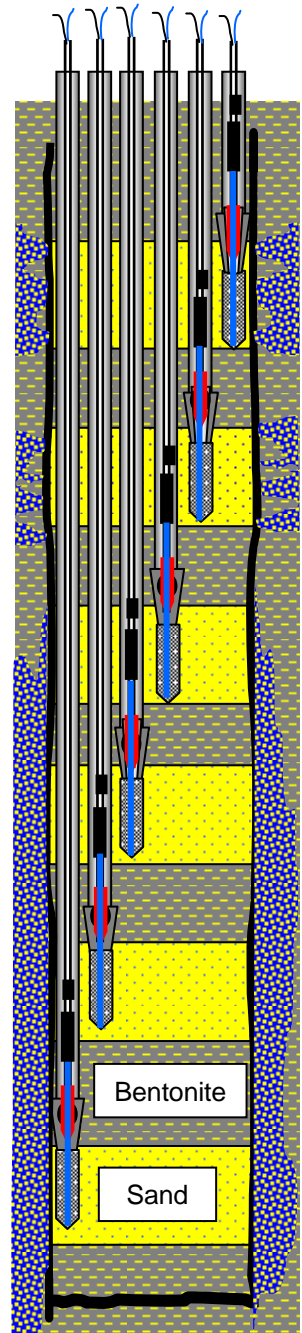
Integrated Sensor technology is also available

Multilevel Systems:

- Isolate Well Screen During Purging and Sampling.
- Significantly Reduce Purging and Sampling Time – and Cost – throughout the Life of the Project.
- No Bailing.
- Simultaneously Purge Nested and Clustered Well Systems.
- Simultaneously Obtain Water Level Data from All Zones within A Nest or Cluster.
- ZIST™ Pumps Can Be integrated with Sensors, and Removed at Any Time.
- Easy to Maintain: O-Ring around ZIST™ Tubular Docking
- ZIST™ Can Be Easily Integrated into 3/4-Inch, 1-Inch, 2-inch, 4-Inch and Any Other Well Diameter.



Simultaneous Control Unit for multilevel systems.



ZIST Multilevel System