

Storage tank should be inspected regularly to ensure the health. A quick remedial act at an early stage is very important to avoid the future extra cost. Effective inspection recognizes the failure before the leakage or other failure occurs, avoiding Leakage of contaminants in the environment, product loss, or even catastrophic failure.

MFL Hand Scanner is designed and developed for tank floor inspection based on magnetic flux leakage; an advanced NDT method. The special application of the MFL Hand Scanner is the inspection of surface which cannot be accessed by the Smart Floor Scanner; e.g. plate edge and surface under pipes. It has befitted:

- **First MFL Hand Scanner equipped by Touch Screen Computer**
- **High Durable and Powerful Magnet**
- **High accuracy data acquisition**
- **Special signal processing by WII algorithms**
- **Small application size**

Together these features have led the MFL Hand Scanner helps the big brother Smart Floor Scanner efficiently in inspecting inaccessible areas of storage tanks such as plate edge and surface under pipes. Also, the scanned map can be exported to Smart Floor Scanner (SFS) Software and added to Smart Floor Scanner map data.

**(Optional):** MFL Hand Scanner can accept the measured data by external “Laser Distance Meter” and “UT Thickness Meter” to tune accurately the output map. This feature is unique only for Hoshmand Sazan Jahan MFL Hand Scanner.