



DUST 1A

DEBRIS UPTAKE SUCTION TOOL

The DUST 1A is a tool developed to locate and remove foreign material under water. It is mounted on a handling pole during its operation.

APPLICATIONS

- Used for cleaning of:
- Lower support plate in PWRs during visual inspections
- Pump deck in BWR (reach behind obstacles such as main circulation pumps, feedwater spargers and insert pipes)
- Small RPV nozzles and orifices with customized suction nozzles
- Any pool or cavity

BENEFITS

- Helps to protect the plant from costly fuel damages by capturing small bolts, washers, shavings, plastic tie wraps, pieces of cloth, and more
- A see-through debris trap securely captures the debris and allows the operator to visually verify the retention of the foreign material
- Used with a camera and camera cable from Ahlberg Cameras, no extra cable or power supply is required

SPECIFICATIONS

Compatible cameras	Any pole mounted camera
Equipment weight (with N47)	3 kg in air
Dimensions (L*W*H)	550 x 280 x 60 mm
Filter mesh sizes	0.1 – 1 mm
Maximum ambient temperature	45° C
Radiation tolerance	High

We reserve the right to alter specifications without prior notice

DUST 1A IMAGES



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