



# DUST 1A

## DEBRIS UPTAKE SUCTION TOOL

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 like main circulation pumps, feedwater sparger and insert pipes)
- Small RPV nozzles and orifices with customized suction nozzles
- Pump deck in BWR (reach behind obstacles like main circulation pumps, feedwater sparger and insert pipes)
- 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, etc.
- 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, 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



## LINKS

 English

[ahlbergcameras.staging.westart.se/products/accessories/dust-1a](http://ahlbergcameras.staging.westart.se/products/accessories/dust-1a)

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