



**HYDAC INTERNATIONAL**

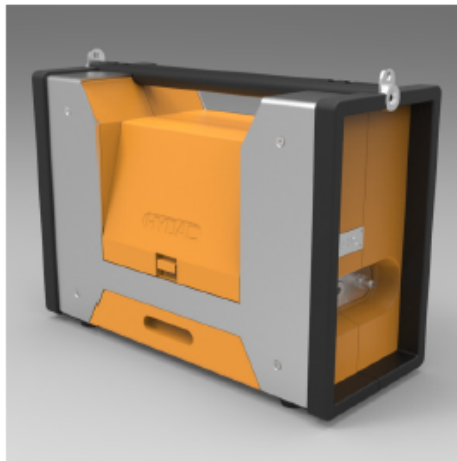
Filter System Area / 過濾系統領域

**HYDAC FILTER SYSTEMS**

**AircraftHydraulic GroundLab**

AHG

HYDAC Filter  
Systems



航空地勤服務：  
**AHG**液壓油品檢驗儀  
分析油品顆粒、水含量  
、酸度

### Description

AircraftHydraulic GroundLab AHG analyzes solid and liquid contaminants and chemical aging products in the hydraulic fluids of aircraft. AHG is used in the context of maintenance and inspection work on the ground (GroundService / AIRCRAFT Service Check).

It allows for the analysis of the following measured variables:

- Solid particle contamination
- Water content
- Acidity

Increased water content leads to malfunctions in the hydraulics and promotes the deterioration of fluids used or the formation of oxidation products. Increase acidity accelerates the deterioration of fluids and therefore causes increased component wear. In addition, measuring the acidity allows for analysis of the remaining life expectancy of a fluid.

### Applications

- Civil and military aviation
- HFD-R fluids (phosphate ester)