

MODEL ARV TECH

AIR RELEASE PROPERTIES OF PETROLEUM OILS



STANDARDS

ASTM D 3427, IP 313, ISO 9120 and related methods.

SCOPE

This test method covers the ability of turbine, hydraulic, and gear oils to separate entrained air. Compressed air is blown through the test oil, which has been heated to a temperature of 25, 50, or 75°C. After the air flow is stopped, the time required for the air entrained in the oil to reduce in volume to 0.2 % is recorded as the air release time.

Normalab has been designing and manufacturing petroleum testing instruments and glassware since 1963.



« AUTOMATIC INTERGRATED SOLUTION »

SPECIFICATIONS

- Colour touch screen
- Automatic result calculation
- Automatic density
- User friendly soft
- Step by step method guide
- Plunger identification
- ISO and ASTM method



CONNECTIVITY

- USB Port
- RS232 port
- Lims
- Lan



ACCESSORIES

Delivered in standard with the necessary accessories to run a test, you can complete your device with :

- Airpump
- Circulating water bath
- Amber glassware

SAFETY

For security precaution, the ARV Tech is equipped with several protection user systems:

- User access
- Audible alarm
- Safety over heating
- Airflow detection

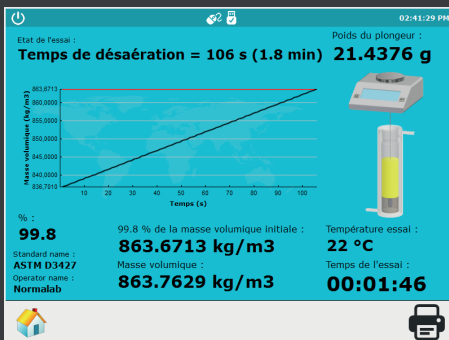
SOFTWARE FEATURES

- USB Upgrade
- Backup via USB
- Step by step method guide
- Graph creation
- Memory more than 1000 tests

EASY CONFIGURATION

Delivered ready to use, the device is user-friendly with its digital screen and the quick access keypad. You can easily program the parameters. The integrated software allows you :

- Export data though USB by PDF, Word, Excel and Lims
- Set up and password
- Method guide



Démarrage essai

Informations essai

Fiche programme

Plongeur

Balance

Récapitulatif de l'essai

Nom de l'échantillon :

Numero de batch :

Température de l'essai :

Nom de l'opérateur :

Nom de la fibre produit :

Nom de la norme :

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ORDERING INFORMATION

NORMALAB production - Automatic model of Impinger method

942900

The **ARV Tech** apparatus is including thermostatic circulator, necessary tubing and glass plunger. Analytical balance with special connection is included for plunger hanging.

Scope of delivery:

ARV Tech is delivered with:

- Thermostatic circulator for impinger vessel
- Impinger vessel (P/N 12627)
- Glass plunger 10 ml with platinum wire for density measurement (P/N 12629)
- Pressure gauge
- Thermometer ASTM 12 C (P/N 11499) *
- Electronic temperature controller

* Without certificate, calibration on request

Site requirements:

- Power supply: 230 V - 50/60 Hz - 16 A
- Dimension: (W) 750 x (D) 300 x (H) 568 mm
- Weight: 60 kg

SUMMARY

Temperature range Sample temperature	Ambiant to 85°C 25°C / 50°C / 75°C custom temperature in the software	Oil-free air Maximum pressure	0.5 Bar - 7 PSI - 50 kPa
Temperature accuracy	+/- 0,1°C		
Balance	120 g		



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