



OPAL - ATK

Audit Test Kits for Opacity and Dust Monitoring systems

- On site validation of opacity and dust monitoring systems
- Complies to USEPA PS-1 and PS-11 standards



- ***Easy to use kit in rugged lock-up carry case.***
- ***Kits for OPAL 200 and OPAL 100 application.***
- ***GROUP I or II test filter sets available.***
- ***Filters certified to USEPA PS-1 standards.***

“ **Australian environmental technology** ”

OPAL ATK Series - Technical Specifications

GENERAL

The OPAL ATK is designed to allow external independent audit testing and validation of OPAL 100 and OPAL 200 opacity and dust monitoring system performances. The kit includes all items required to complete testing to USEPA PS-1 and PS-11 requirements.

The kit also includes cross referencing charts to enable system and transceiver outputs to be evaluated in scales of transmittance %, opacity% or optical density units, or as direct analogue output signal values.

By selecting "TEST" mode at the transceiver test location, the OPAL 200 system allows:

- All test values to be instantly displayed at the transceiver control pad during tests.
- Test values to be displayed in unit or analogue output signal values.
- OPLR (stack exit) corrections to be temporarily bypassed during testing.
- Output relay signal to advise plant operators of "SYSTEM UNDER TEST"

SPECIFICATIONS

Enclosure
Total Weight
Inclusions / Extras

Rugged waterproof PVC carry case, with key locking facilities.

2.2 Kg

Set of three (3) audit test filters

Blank filter test plate – 100% opacity

Filter charts for easy conversion of Opacity / Transmittance / Optical Density values.

Fine adjustment screwdriver for Zero set

Operating Instructions

Filter Type
Accuracy
Markings

ND glass filters, in anodized aluminium frame

Equal to, or less than +/- 1.0 % opacity

Each filter is marked in opacity and Optical density values.

GI filter set values
GII filter set values

Low Range: 5 – 10%

Medium Range: 10 – 20%

High Range: 20 – 40%

Low Range: 10 – 20%

Medium Range: 20 – 30%

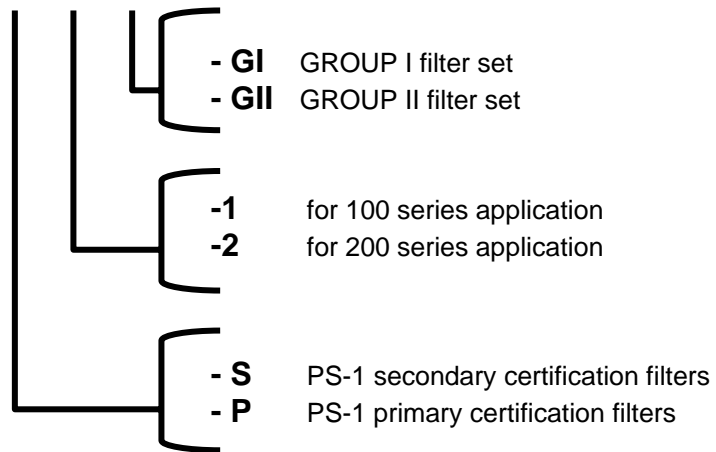
High Range: 30 – 60%

NOTE 1 Specific filter values cannot be assured – the above ranges are applicable for each filter.

NOTE 2. For USEPA compliance, the selection of a filter group is based on EPA license conditions.

ORDERING DETAILS

OPAL ATK - P - 1 - GI



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