

Dotworkz Enclosure Volume Certification

Certified by Jay Hilton on Friday, July 22, 2011

Empty (base model) Enclosures, 75°F, 50% RH

D2 total with HD Lens installed:

964 cubic inches = 0.56 cubic feet

15.8 Liters = 4.2 gallons

D3 total with HD Lens installed

1,453 cubic inches = 0.84 cubic feet

23.8 Liters = 6.3 gallons

Internal Volumes of enclosure parts

D-Series Upper:

(18 X 500 ml) + 300 ml =

9.3 Liters inner volume = 2.46 gallons

567.5 cubic inches = 0.33 cubic feet

Production Lens- HD 0.098" D-Series: 3.5 measures of 500 ml =

1.75 Liters inner volume = 0.46 gallons

106.8 cubic inches = 0.062 cubic feet

D2 lower w/ HD Lens above installed: 13 x 500 ml just less over flow

6.5 Liters inner volume = 1.72 gallons

396.7 cubic inches = 0.23 cubic feet

D3 Lower w/ HD Lens installed:

29 x 500 ml @ complete full

14.5 Liters inner volume = 3.83 gallons

885 cubic inches = 0.51 cubic feet

S-Type BASE

CAD SolidWorks Calculation

7.4 Liters inner volume = 0.56 gallons

450 cubic inches = 0.26 cubic feet

S-Type COOLDOME

CAD SolidWorks Calculation

6 Liters inner volume = 0.46 gallons

370 cubic inches = 0.21 cubic feet