

General



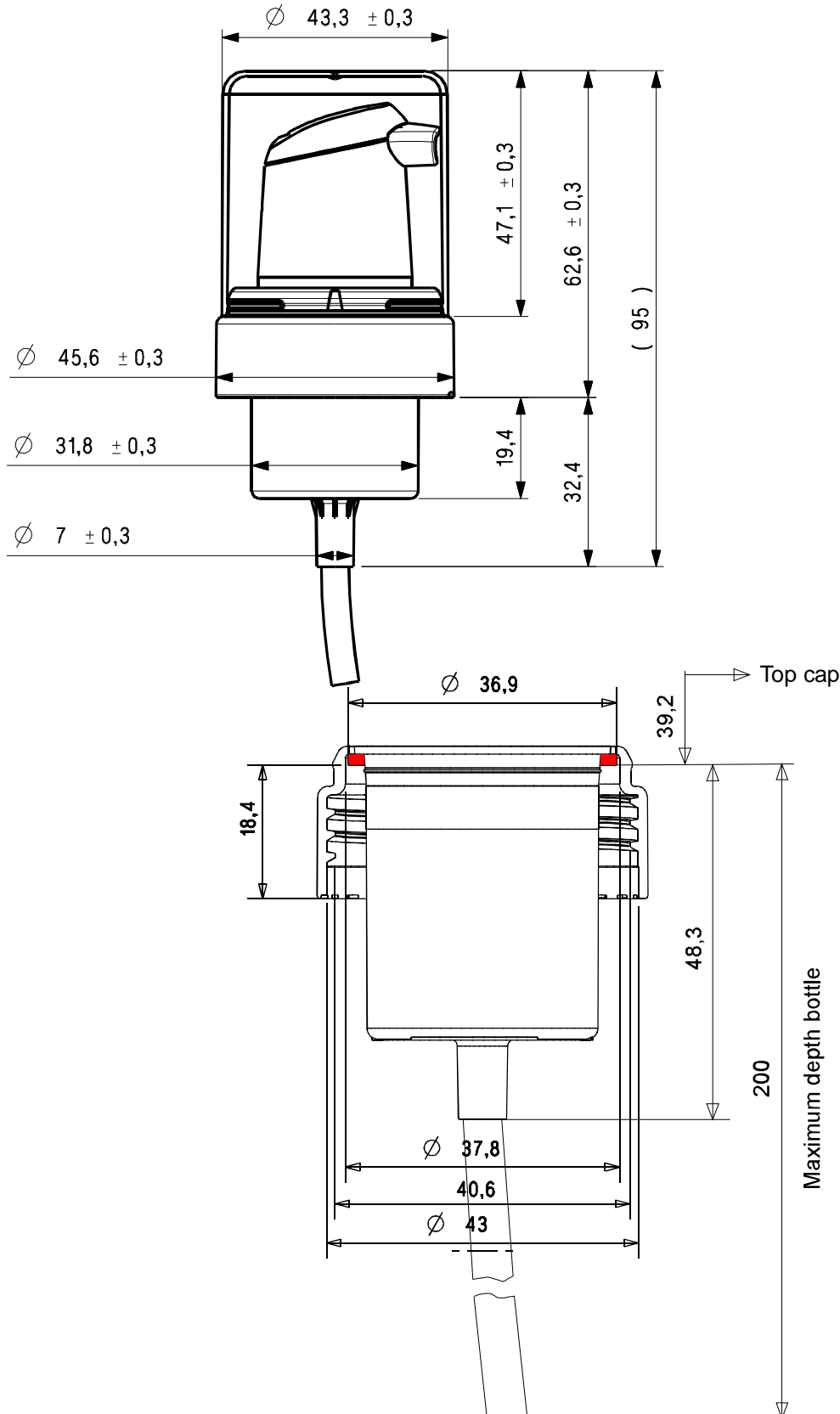
Mechanical pump system
creating foam from liquid.

Product features

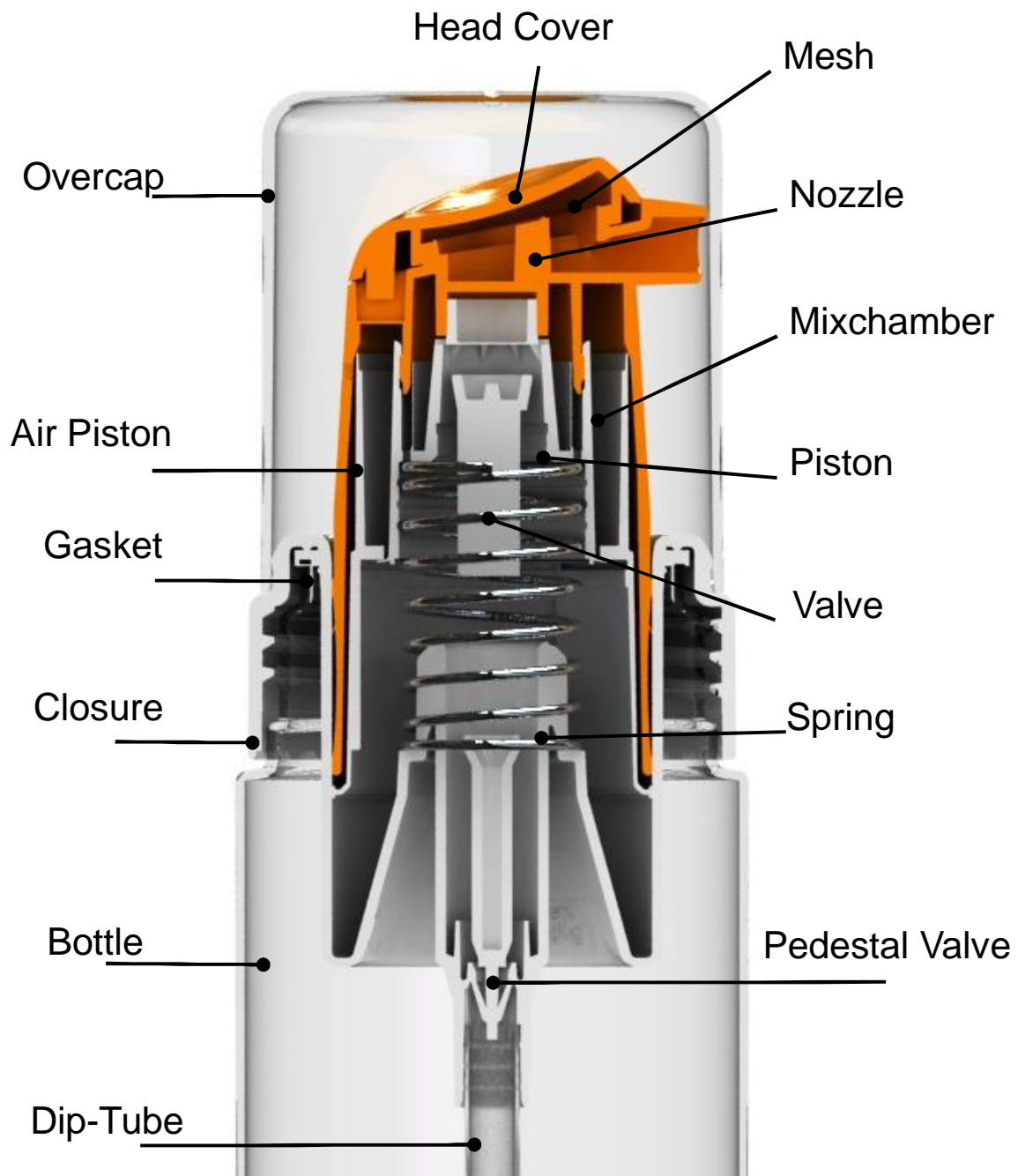
- mechanical, no propellants
- 15mm stroke
- output/stroke 0.8ml
- standard water resistant
- clean path technology
(no metal parts in contact
with dispensed liquid)
- 43 mm thread



Dimensions Ocean™ H Foamer



Assembly Ocean H Foamer



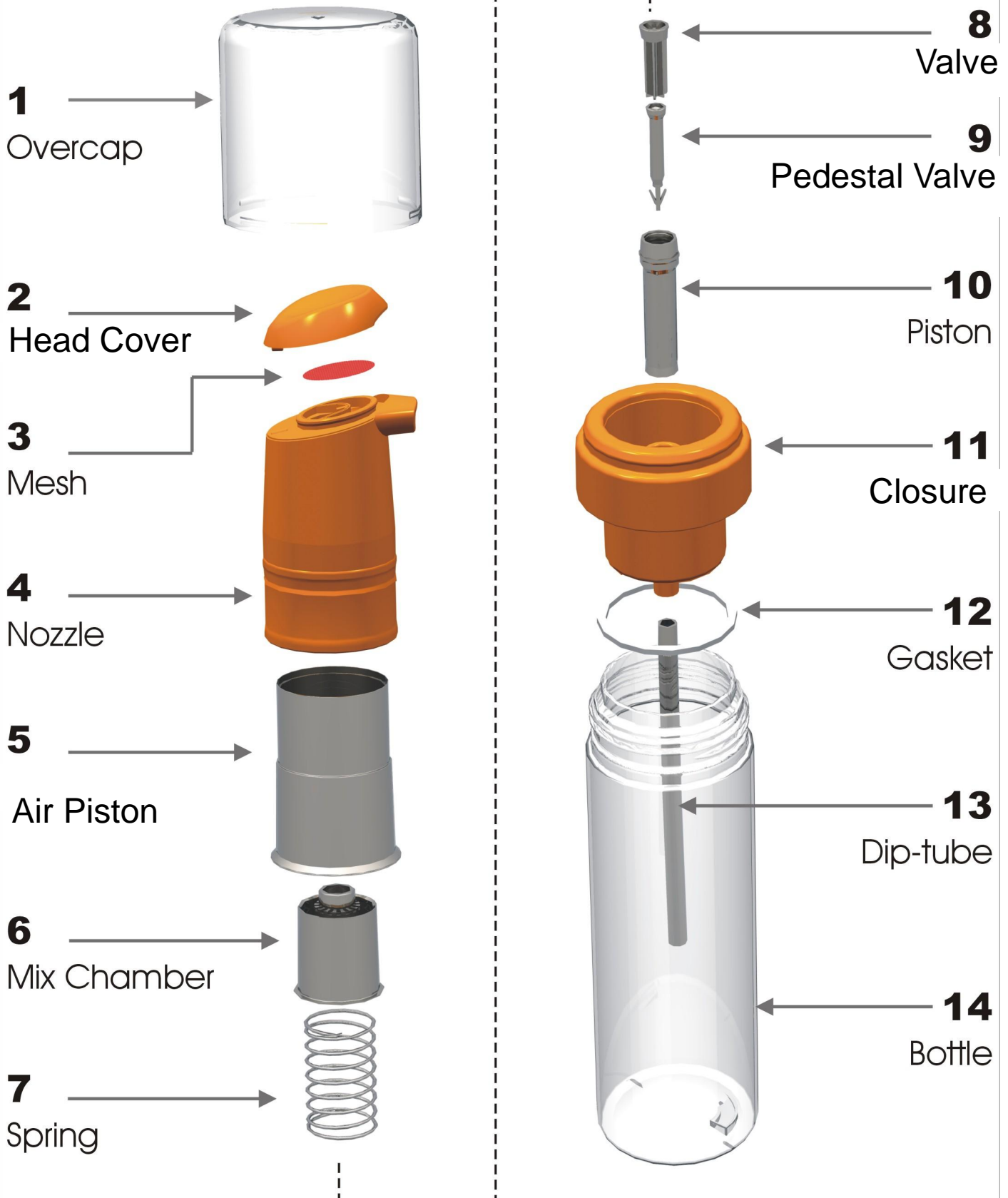
Ocean™ H Foamer



Product Data Sheet

version L, 24-02-2009

Components Ocean™ H Foamer



Component details Ocean™ H Foamer

Part 1 Overcap

Raw material PP
 Weight 6.7gr
 Colour Natural - any colour
 Art.nr 8.007.04.XXXX
 Surface finish High gloss
 Drawing nr. 2004-51
 Remarks FDA approved

Part 2 Head Cover

Raw material HDPE
 Weight 1.06
 Colour Natural - any color
 Art.nr. 8.007.01.XXXX
 Surface finish High gloss
 Drawing nr. 2004-33
 Remarks FDA approved

Part 3 Mesh

Raw material PA
 Weight -
 Colour White
 Art.nr. 8.007.10.XXXX
 Surface finish -
 Drawing nr. -
 Remarks Range 30 - 300 micron / FDA approved

Part 4 Nozzle

Raw material HDPE
 Weight 5.82gr
 Colour Natural - any colour
 Art.nr. 8.007.02.XXXX
 Surface finish High gloss
 Drawing nr. 2004-121
 Remarks FDA approved

Part 5 Air Piston

Raw material LLDPE
 Weight 2.18
 Colour Natural
 Art.nr. 5.155.0000
 Surface finish DME SPI A3
 Drawing nr. 2004-48
 Remarks FDA approved

Part 6 Mixchamber

Raw material PP
 Weight 1.46gr
 Colour Natural
 Art.nr. 8.007.14.0000
 Surface finish DME SPI A3
 Drawing nr. 2004-23
 Remarks FDA approved

Part 7 Spring

Raw material 1.4310 Stainless steel
 Weight 2.35gr
 Colour -
 Art.nr. 8.007.11.0000
 Surface finish -
 Drawing nr. 2004-32
 Remarks

8 Valve Part

PP Raw material
 0.21gr Weight
 Natural Colour
 8.007.06.0000 Art.nr.
 techn.smooth Surface finish
 2004-26 Drawing nr.
 FDA approved Remarks

9 Pedestal valve Part

Pom Raw material
 0.27gr Weight
 Natural Colour
 8.007.07.0000 Art.nr.
 techn.smooth Surface finish
 2004-25 Drawing nr.
 FDA approved Remarks

10 Piston Part

HDPE Raw material
 0.87gr Weight
 Natural Colour
 8.007.05.0000 Art.nr.
 techn.smooth Surface finish
 2004-22 Drawing nr.
 FDA approved Remarks

11 Closure Part

PP Raw material
 10.49gr Weight
 Natural - any colour Colour
 8.007.03.XXXX Art.nr.
 High gloss Surface finish
 2004-21 Drawing nr.
 FDA approved Remarks

12 Gasket Part

Tri seal F-217-5 Raw material
 0.18gr Weight
 White Colour
 8.007.12.0000 Art.nr.
 - Surface finish
 2004-29 Drawing nr.
 FDA approved Remarks

13 Dip tube Part

PE Raw material
 - Weight
 Natural Colour
 8.007.13.0000 Art.nr.
 techn.smooth Surface finish
 2004-31 Drawing nr.
 FDA-approved Remarks

14 Bottle Part

PP - PET -PE Raw material
 - Weight
 Natural - any colour Colour
 - Art.nr.
 - Surface finish
 - Drawing nr.
 - Remarks

Technical information, performance Ocean™ H Foamer

Properties	Value	Tolerance	Units	Test Method
-Ratio air fluid	11 : 1	-	-	
-Advised Application torque	2	-	Nm	-
-Length of stroke	14.8	-0.2	MM	SOP-2004-01
-Overcap removal Force	Min 17	-	N	SOP-2004-02
-Activation force (dry at 70% stroke)	20	+/- 5	N	SOP-2004-04
(MWV Calmar fluid at 70% stroke)	23	+/- 7	N	
-Strokes to prime	Max 8			SOP-2004-09
-Output / stroke (MWV Calmar test fluid)	0.80	+/-0.1	ML	SOP-2004-08
-Diptube removal force	Min 20		N	SOP-2004-05
-Maximum depth bottle	200	-	-	-
-Minimum depth bottle	75	-	-	-
-Tolerance dip-tube length		+/-1	MM	-
-Vakuum test (10min -0.6 bar)	No leak			SOP-2004-11
-Lifecycle	Min 2000		Strokes	SOP-2004-14