INLINE SAMPLING & ANALYSIS





Inline product sampling Models available



ProductMaster™

The ProductMaster is designed to sample products from a free product flow. Up to 180 samples per hour can be taken.



SampleMaster™

The SampleMaster is designed to sample products for the CheckMaster & NirMaster machines. The integrated filling sensor ensures that only a full cup of product will be released for further analysis.



SampleMaster™ - Vision

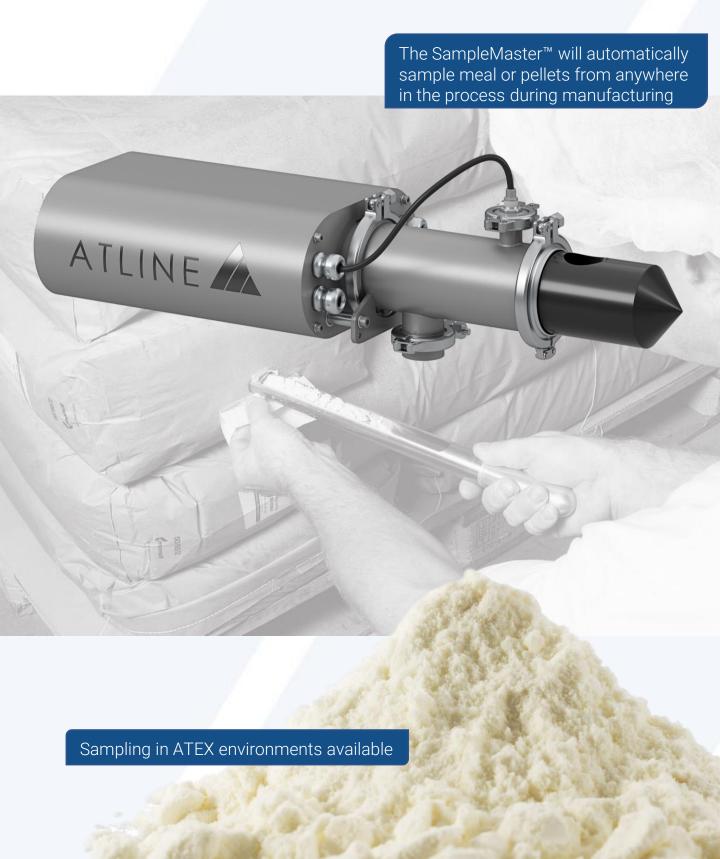
The SampleMaster model vision is a stand-alone system supplied with an electrical cabinet. The sampler is designed to sample and analyse the gloss (oil absorption) and colour of a product. The sampler is typically installed after the coating and cooling process to ensure proper absorption of the lipids.



SampleMaster™ - UVC

The SampleMaster sanitation model is a stand-alone system supplied with an electrical cabinet. The sanitary sampler is designed for bacterial and other sampling. The integrated UVC light will minimise potential bacteria growth and thus crosscontamination. Bag detection is also integrated to ensure that the sampler will not operate if a receiving bag is in place.

POWDER Sampling



Pellet Sampling

The ProductMaster will ensure fast sampling from anywhere in the process during manufacturing





WHERE TO SAMPLE IN THE PROCESS



Finished product

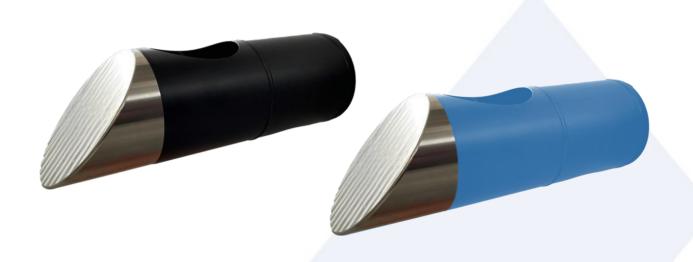
FEATURES

AT A GLANCE



FEATURES

Sampling cup materials



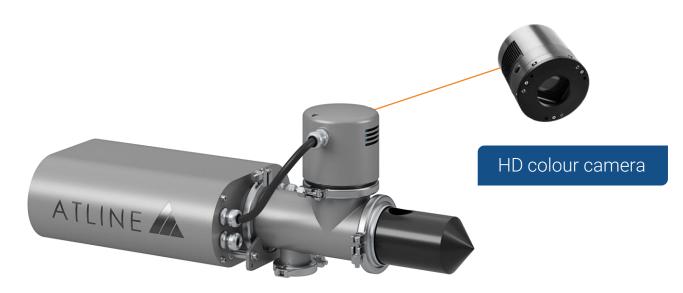
All stainless steel

Stainless steel end POM/PE/PTFE FDA approved X-ray detectable
Blue POM
FDA approved

Thermoplastics POM/PE/PTFE FDA approved

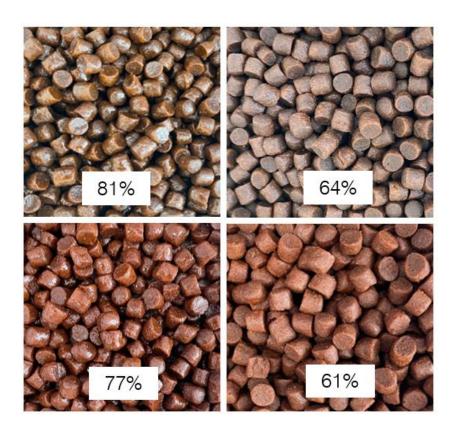


GLOSS ANALYSIS (OIL ABSORPTION) Inline analysis during manufacturing



The gloss value is defined in a range between 0-100%

An alarm can be provided when a maximum gloss value is exceeded

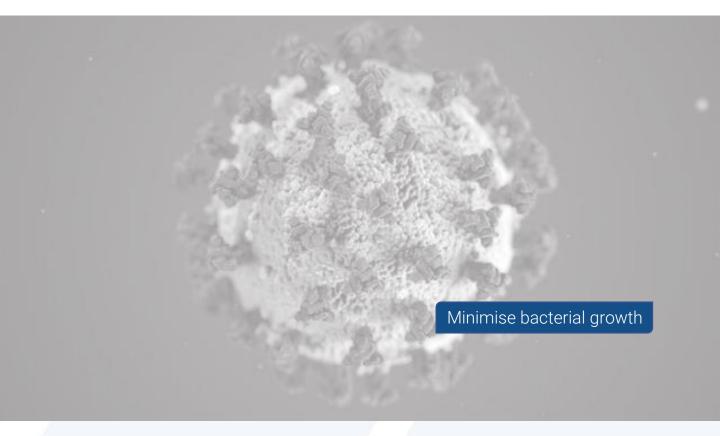


BACTERIA SAMPLING DURING MANUFACTURING

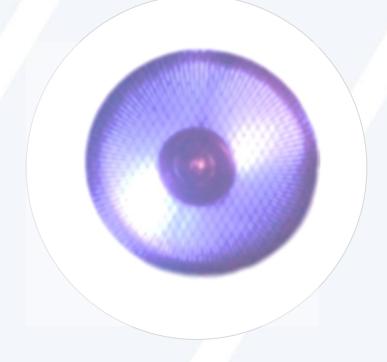
Integrated protected UVC light for sterilisation of the sampler between sampling to minimise cross-contamination



ULTRAVIOLET GERMICIDAL IRRADIATION TECHNOLOGY



UVC light inside the bulk density analyser ensures minimal bacteria growth. Sterilisation takes place each time a sample sequence is conducted



TECHNICAL SPECIFICATIONS SampleMaster™



Dimensions (L x W x H):	650 x 300 x 180 mm (24" x 12" x 7"')
Weight:	28 kg (62 lbs.)
Ambient temperature:	<35° (95°F)
Compressed air:	5-8 bar (73-116 PSI)
Data connection:	Ethernet 10/100
Voltage supply:	1 x 110-230 Volt, 50-60Hz



TECHNICAL SPECIFICATIONS ProductMaster™



 Dimensions (L x W x H):
 570 x 180 mm (14" x 7"")

 Weight:
 15 kg (20 lbs.)

 Ambient temperature:
 <45° (113°F)</td>

 Compressed air:
 5-8 bar (73-116 PSI)



PRODUCTS

Sampling & analysis technologies



CheckMaster™
NIR & Physical analysis



NirMaster™ NIR analysis



PackMaster™
Packing & labelling of product samples



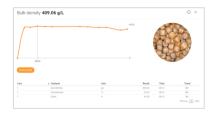
ReferenceMaster™ Sampling & collection of product

0	Assiya's in progress		September 1997 1	Marin C
Link)	Married		Name and Address of the Owner, when the Owner, which the Owner	
==		-		and an extended to
E	delimental of	and an extension of		delicated and
0 =	and an artist of the			
int.	Services		Accesses	
-				-
-				-
= =	in man		-77 MH	
1000	Toloresan .			
=	estending in	-	CONTRACTOR OF THE PARTY OF THE	-
=	Total Section 1	and an artist of	-	manufacture :
2.	11 881	- 100	-2 NA	100 60

Atlytics™ Basic QA software



Atlytics™ Advanced QA software



Atlytics™ Inline
Inline QA software



ProductMaster™
Inline product sampling



SampleMaster™
Inline product sampling & analysis



DensityMaster™
Inline bulk density analysis



ATLINE Merkurvej 27A 6000 Kolding Denmark

Phone: +45 7777 1110 www.atline.com Info@atline.com

