



Correct as at 25-Jun-19

ARCINOVA

**Drug Substance Equipment List**

Key Equipment Type	Brand/Supplier	Qty.	Comments	Standard
<b>REACTOR VESSELS</b>				
24 L Double jacketed reaction vessel	Diehm	4	Borosilicate glass	GMP
24 L Single jacketed reaction vessel	Diehm	4	Borosilicate glass	GMP
10 L Single wall receiver	Diehm	4	Borosilicate glass	GMP
7 L Single wall header	Diehm	4	Borosilicate glass	GMP
7 L Single jacketed reaction vessel	Diehm	4	Borosilicate glass	GMP
7 L Single wall receiver	Diehm	1	Borosilicate glass	GMP
3 L Single wall header	Diehm	1	Borosilicate glass	GMP
7 L Single jacketed reaction vessel	Diehm	4	Borosilicate glass	nonGMP
7 L Single wall receiver	Diehm	2	Borosilicate glass	nonGMP
3 L Single wall header	Diehm	2	Borosilicate glass	nonGMP
Salamander	CRD	1	Haseloy (Continuous)	nonGMP
Hcube	Thales nano	1	(Continuous)	nonGMP
FlowSyn	Uniqsis	1	(Continuous)	nonGMP
100 L Single jacketed reaction vessel	De Dietrich	1	Borosilicate glass	GMP
<b>PURIFICATION</b>				
Biotage Isolera	Biotage	1	10 - 340 g cartridges	nonGMP
Biotage Flash 150 L	Biotage	1	8 kg cartridges	GMP
Biotage Selekt	Biotage	2	10-100 g cartridges	nonGMP
<b>TEMPERATURE CONTROL UNITS</b>				
Huber Unistat 912w	Huber	2	-90 to 180 °C	GMP
Huber Unistat 510w	Huber	4	-50 to 180 °C	GMP
Huber Unistat 430w	Huber	2	-40 to 180 °C	GMP
Huber Ministat 230	Huber	1	-40 to 180 °C	GMP
Huber Mnistat 240	Huber	1	-20 to 160 °C	GMP
Huber Ministat 230	Huber	2	-20 to 160 °C	nonGMP
Huber Mnistat 240	Huber	2	-20 to 160 °C	nonGMP



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### Drug Substance Equipment List

Key Equipment Type	Brand/Supplier	Qty.	Comments	Standard
<b>DRY118/028NG</b>				
Vacutherm oven VT6130 M-BL	Vacutherm	1	40 to 200 °C	GMP
Pope filter dryer	Pope	1	Stainless Steel	GMP
<b>HPLC</b>				
HPLC Systems	Agilent/HP1000/1200	4	3 x 1100 1 x 1200	nonGMP
HPLC Detectors	Agilent	4	4 x UV	nonGMP