



Correct as at 03-Feb-2020

ARCINOVA

## Drug Substance Services 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	Uniqusis	1	(Continuous)	nonGMP
Trickle Bed Flow Hydrogenator	CRD	1	SS (to 100 Bar and 300 Deg. Cent.)	GMP
100 L Single jacketed reaction vessel	De Dietrich	2	Borosilicate glass	GMP
<b>PURIFICATION</b>				
Biotage Isolera	Biotage	1	10-340g cartridges	nonGMP
Biotage Flash 150 L	Biotage	1	8kg cartridges	GMP
Biotage Selekt	Biotage	2	10-1.5kg cartridges	nonGMP
<b>DRYING</b>				
Vacutherm oven VT6130 M-BL	Vacutherm	1	40 to 200 °C	GMP
Pope filter dryer	Pope	1	Stainless Steel	GMP
Mobile filter dryer	Aurora	1	Hastelloy (100g-15kg)	GMP
<b>HPLC</b>				
HPLC systems	Agilent/HP1000/1200	4	3x1100 1 x1200	nonGMP
HPLC detectors	Agilent	4	4x UV	nonGMP
<b>TEMPERATURE CONTROL UNITS</b>				
Huber Unistat 912w	Huber	1	-90 to 180 °C	GMP
Huber Unistat 510w	Huber	1	-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