

[illegible]

Cathode Milling Equipment

Equipment List

FOR FINAL

TOTAL: **2** sheets
(Included cover)



**NIPPON COKE &
ENGINEERING CO., LTD.**

Equipment list

r e v	Machine No.	Name	Quantity	Type	Main material	Specifications	Motor spec			Weight kg	Prepared by		Remarks	
							Output kW	Pole P	Volt V		CUS	NCE		
	A1-1001-NN-701	COMPOS	1	CP130	SUS304	Impeller speed :MAX 2986 min-1 Thin type impeller Accessories: • Cooling water flow rate meter. • Automatic valve of powder charge two ports. Part1:DN160 Part2:DN100 • J-type thermocouple (inside of tank and chiller water inlet/outlet) • Impeller speed meter. • Shaft sealing gas flow rate meter. • Lid Open/Close Control Panel • Safety Interlock	Quantity 1 1 1 2 1 1 1 TBD	150	4	400	2,900		O	
	A1-1001-CA701	Dust filter	1		Body : SUS304 Filter : PPS	Filtration area : 0.5m ² •Fix with clamp •Pleats shaped filter •N ₂ back flash , Accessories: • Pressure transmitter • Pressure gauge • Solenoid valve	1 2 1				50		O	
	A1-1001-PF701	Vaccum pump	1	Dry screw	FCD	Pumping speed:220m ³ /h ±10% at 50Hz Ultimate pressure:5Pa Accessories: • Exhaust gas silencer • Check valve	1 1	5.5	4	400	320		O	
		Piping Unit	1		CS SUS304	Unit for N ₂ gas piping, air piping, and cooling water piping • Flow meter • Thermocouple • Pressure gauge • Automatic ball valve • Air operate valve • Safety relif valve • Regulator • Manifold solenoid valve	4 4 1 1 5 1 5 1				150		O	
	A1-1001-EC-701	Control panel	1		CS	This panel is built-in power control circuit of above mentioned equipment, and has PLC. Accessories : Alarm lamp					500		O	
	A1-1001-JE-702	Local operation panel	1		CS	This panel has HMI.					50		O	
	A1-1001-JC701	Oxygen meter box	1		CS	This box is built-in Oxygen meter. (under vacuume)					10		O	