

NM Plus High Purity Hydrogen Generators



MODELS & SPECS	NM PLUS 100	NM PLUS 160	NM PLUS 250	NM PLUS 300	NM PLUS 400	NM PLUS 500	NM PLUS 600	NM PLUS 1000	NM PLUS 1350
Flow mL/min	100	160	250	300	400	500	600	1000	1350
Purity	+99.99996%								
Dew point at 7 barg (100 psig)	-73 °C (-103 °F)								
Outlet pressure barg (psig)	1.4 to 11 (20 to 160)								
Technology	PEM (Proton Exchange Membrane) - 100% Titanium cell								
Drying system	No Maintenance Cold Dual Dynamic Regeneration System								
Deionized water quality	Minimum < 1 micro S/cm @25°C - 1 Mohm-cm@25°C - ASTM II Recommended < 0.2 microS/cm @25°C - 5 Mohm-cm @25°C - ASTM II								
Internal water tank (liters)	2.5								
Safety	Automatic shut down - internal/external hydrogen leak, overpressure and low water								
Display	Touch screen with operating parameters, system status and safety alarms								
LED indicators	Power on/off, system ready, errors								
Interface	USB mod A								
Electrical supply	110-120V 60Hz / 220-240V 50Hz								
Power consumption (watts)	100	120	165	205	210	220	255	385	410
Dimensions mm (inches)	230W x 480H x 370D (9W x 19H x 15D)								
Weight kg (lbs)	14 (31)	14 (31)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)	17 (37.5)	18 (39.5)
Shipping dimensions mm (in)	580W x 570H x 400D (22.8W x 22.4H x 15.7D)								
Shipping weight kg (lbs)	18 (39.5)	18 (39.5)	19 (42)	19 (42)	19 (42)	20 (44)	20 (44)	21 (46)	22 (48)
Operating temp °C (°F)	15 to 35 (59 to 95)								
Outlet connection	1/8" Compression								
Certification	CE, FCC, MET (UL and CSA compliant)								
OPTIONS									
Auto water refill	Continuous water feed from an external water supply								
Cascading	Up to 10 units – built in redundancy for guaranteed up-time								
Interface	RS232/RS485, external contacts, PC control and intranet								