



Product Information Sheet

Hydrogen Decant Hose for pressures up to 300barg
Product Code: CON-300-300-1M-1W-UAV

Description	
300 barg rated high-pressure decant hose to connect a 300barg TPED compliant source cylinder e.g. Linde Genie [®] H ₂ Cylinder to a customer selected 300barg rated receiver vessel	

Components	
Input Connection	ISO 5145 Type 38 for H ₂ (or customer specified alternative)
Filter	Pore Size: 100µm
Orifice Plate	Bore Size: 0.1mm (or customer specified alternative)
Pressure Indicator	Displays 0-350barg
Bleed Valve	Working pressure of 689barg (at 37°C)
Microbore Hose	Length: to customer specification Bore Size: 2mm
Output Connection	8mm PCP Female Quick Coupler (or customer specified alternative)

Pressure	
All components rated to 300barg minimum and suitable for H ₂ gas	

Dimensions	
Length	to customer specification (standard lengths are ~1.5m)

Features	
Microbore hose with anti-whip cable	
Standard input connection to a H ₂ Linde Genie [®] cylinder of working pressures above 250barg (or customer specified alternative)	
1-way flow path (from source cylinder to receiver vessel)	
Suitable for H ₂ gas as a fuel for PEM fuel cells	
Pressure Indicator to display pressure of receiver vessel	
Orifice Plate to control flow rate appropriate for the filling of Type 4 composite cylinders*	

**Flow rate modelling available for customers to ensure fill rates are suitable for any type of cylinder*

If you require any more information please email us at: info@nanosun.co.uk
 Or visit our website at: www.nanosun.co.uk