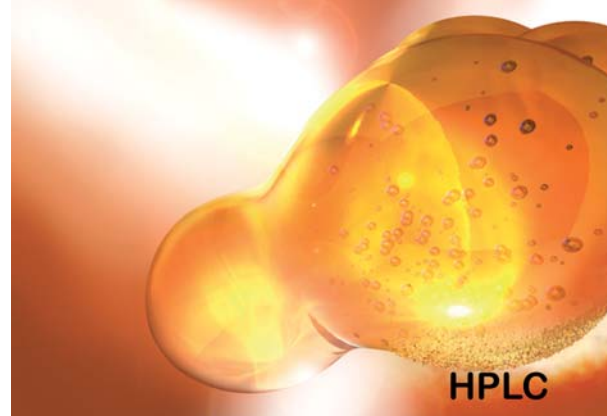


# Specification Sheet

DGU-20A3/20A5

On-line Degasser



<b>Number of flow lines</b>	DGU-20A3: 3,                      DGU-20A5: 5
<b>Degassing performance</b>	UV absorption difference with and without degasser is over 300 mAU (using UV absorption detector, wavelength 210 nm, sensitivity 0.5 AU, flowing Methanol saturated with dissolved Oxygen (HPLC grade) at 25°C with 1 ml/min)
<b>Max. operating flow rate</b>	20 mL/min per flow line (using deionised water – applicable range varies depending on the solvent being delivered).
<b>Internal capacity</b>	380 µL per flow line
<b>Pressure resistance</b>	98 kPa (1 kgf/cm <sup>2</sup> ) or less (Only when suctioning with the delivery unit. Pressurized delivery to the degasser is prohibited.)
<b>Tubing</b>	3 mm O.D. x 1.5 mm I.D. PTFE tubing
<b>Materials contacting solvents</b>	Special synthetic polymers designed for all solvents (degassing membrane), PEEK (connector joints)
<b>External output</b>	When system self-diagnostics detects an abnormality, a signal is output to the external terminal (ALARM)
<b>Self-cleaning</b>	Includes mechanism that extends vacuum pump life by drawing in air when the vacuum pump is running
<b>Dimensions and weight</b>	W 260 x H 72 x D 421 mm; 5 kg
<b>Operating conditions</b>	4 – 35°C, 20 – 85% humidity
<b>Power supply</b>	+24 V (powered via connection by remote cable to delivery unit)

**List of solvents NOT to be used with DGU-20A3/20A5:**

HFIP (Hexafluoroisopropanol)  
HF (Hydrogen fluoride)  
Freon 113  
Fluorinert FC-40  
Fluorinert FC-72  
Fluorinert FC-75  
Perfluoro benzene  
Perfluoro octane  
Perfluoro decalin  
Perfluoro 1-methyldecalin  
Perfluoro dimethyldecalin  
Perfluoro methyl-cyclohexane  
Perfluoro dimethyl-cyclohexane  
AK-225  
Nitric acid of 30% or more concentration  
Sulfuric acid of 40% or more concentration  
Hydrogen peroxide