



# Gas Supply Module (GSM)



## Engineering Description

The GSM is a passive (non-powered) one-half Middeck Locker Equivalent Payload that provides a blend of oxygen, nitrogen, and carbon dioxide to experiments at a delivery pressure of 40 psig. The pre-mixed gas is provided through external hoses, which connect the front panel of the GSM to a bioreactor or an incubator

## Flight History

### Past

Sept 1996 STS-79/Mir  
Jan 1998 STS-89/Mir 7  
Aug 2001 STS-105/7A.1  
Dec 2001 STS-108/UF-1  
Apr 2002 STS-110/8A  
May 2002 STS-107/UF-2  
Aug 2002 STS 113/9A

### Future

Mar 2003 STS-114/ULF-1