UH/LARGE inlet

Bypass flow

Scroll pumps

Valve varies based on TAS to maintain isokinetic flow

Venturi pump

Plenum

To PALMS

To AMS (intermittent)

Sample flow

0.76 cm

0.48 cm

MFM: mass flow meter
PC: pressure controller
VFC: volume flow controller
RH: relative humidity sensor

Nafion dryer

UHSAS no. 1

UHSAS no. 2

NMASS no. 1

NMASS no. 2

To LAS, SP2, POPS

To AMS (intermittent)

Outside

Inside