

INSTRUCTION SHEET

Micro GC Fusion® Rack Mount Instruction Sheet

Introduction

This document indicates the necessary materials and proper procedure when installing the 4-module Micro GC Fusion into a rack.

NOTE: The Rack Mount Kit (952-4100-G1) is intended for the 4-module Micro GC Fusion chassis only.

Rack Mount Kit (952-4100-G1)

<u>PN</u>	<u>Description</u>	<u>Quantity</u>
952-4005-P2 . . .	Bracket-Rack Mount, Right.	1
952-4006-P2 . . .	Bracket-Rack Mount, Left.	1
070-2026	Handle 6.375 LG 2-leg 10-32 THD SS ROHS	2
090-076	Screw 10-32 x 0.500 LG Button SOC HD SS	4
070-2028	Washer, Countersink #10 hole 0.593 OD SS	8
070-2027	Nut, Retainer G-Type 10-32 THD Steel/ZN RoHS	8
090-062	Screw, 10-32 x 0.375 Lg Phil Flat Head SS	6
090-077	Screw, 10-32 x 0.750 Lg Phil Oval Head SS	8

NOTE: PN 070-2026 and 090-076 are preassembled on PN 952-4005-P2 and 952-4006-P2 at the factory.

Required Tools

- ◆ Phillips-head screw driver
- ◆ 3 mm hex driver

Installing the Rack Mount Kit

- 1 Ensure the instrument is powered down and all connections are removed (including power supply, Ethernet cable and carrier gas lines).
- 2 Remove the rubber feet from the bottom of Micro GC Fusion by removing the hex screw located at the center of the foot. (See [Figure 1.](#))

NOTE: If needed, properly store the rubber feet and screws for future bench top installation.

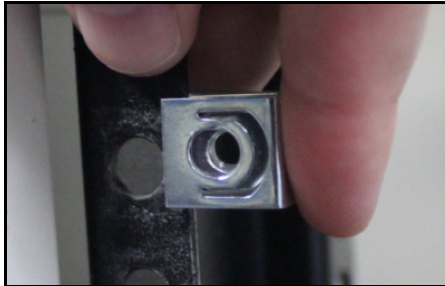
Figure 1 Remove rubber feet from Micro GC Fusion



3 Install brackets (PN 952-4005-P2 and 952-4006-P2) onto the 19 in. rack prior to attaching Micro GC Fusion when access is available below. Rack mount brackets shall be installed onto the unit prior to rack installation if underside access is not available.

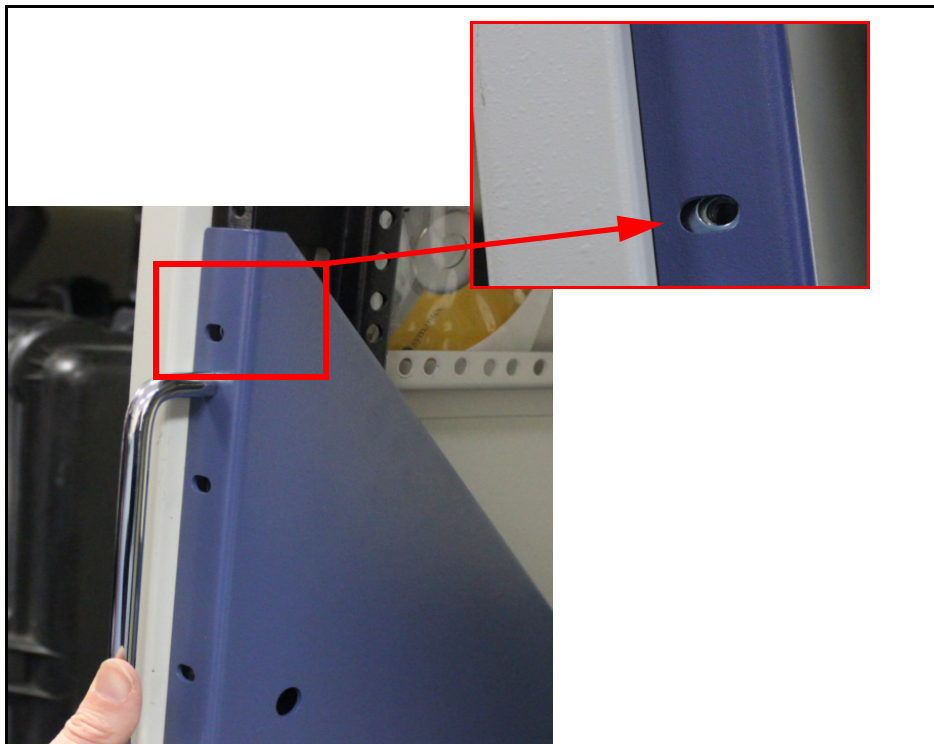
3a Attach four retainer nuts to the left bracket (952-4006-P2) in the four hole locations. (See Figure 2.)

Figure 2 Attach retainer nuts



3b Place the left bracket (PN 952-4006-P2) on the rack, as shown in Figure 3 and line up the holes with the retainer nuts.

Figure 3 Line up the bracket with the retainer nuts



- 3c** Thread the oval head screw (PN 090-077) through washer (PN 070-2028) as shown in [Figure 4](#), then screw the bracket into the retainer nut.

Figure 4 Screw bracket into retainer nut



- 3d** Repeat step [3c](#) to finish securing the remaining retainer nuts on the left bracket.

- 3e** To attach the right bracket (PN 952-4005-P2), repeat steps [3a](#) through [3d](#).

- 4** Once both brackets are secure, gently place Micro GC Fusion onto the rack mount brackets. (See [Figure 5](#).)

Figure 5 Micro GC Fusion set on mounting brackets



- 5** Line up the holes on the bottom of the unit to the holes in the brackets. (See [Figure 6](#).)

Figure 6 Align unit with bracket holes



- Secure the instrument on the brackets with the provided flat Phillips-head screws (PN 090-062). (See Figure 7.)

Figure 7 Use screws to attach unit to brackets



- Micro GC Fusion is now attached to the rack. (See Figure 8.)

Figure 8 Rack mounted Micro GC Fusion



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