



## Press Release

Oregon City, OR – July 12, 2021 – Optimize Technologies, a leading provider of premium UHPLC, HPLC and LC/MS parts and consumables, is proud to introduce the new OPTI-MAX® EXP® 7mm Replacement Cartridges for Thermo/ Dionex/ GyncoTek Ultimate 3000 Series pumps, that retails for less than the OEM cartridge offered by Thermo and third-party suppliers.

The new OPTI-MAX EXP 7mm Replacement Cartridges utilize proprietary OPTI-MAX technologies with 316 stainless steel (SS), PEEK and Zirconia wetted materials for complete compatibility and reliability at HPLC and UHPLC pressures over 20,000 PSI. The OPTI-MAX Check Valve Cartridge features a higher density ceramic ball and seat enabling the valve to be more responsive and seat faster in lighter solvents. Each ball and seat set is individually matched to ensure a lock-and-key fit, guaranteeing 3 bubbles/minute or less in the industry standard nitrogen bubble test (common acceptable standards are 12 bubbles/minute or less). As with all OPTI-MAX Check Valve products, ball travel within the cartridge is minimized to ensure quicker seating, extremely low pulsation and more accurate pump metering. The robust 316 SS cartridge body allows the OPTI-MAX Cartridge to be easily inserted into existing OEM housings.

The combination of specialized features, innovative technology and precision manufacturing make the new OPTI-MAX EXP Check Valve Replacement Cartridges an unbeatable choice for Ultimate 3000 Series Pumps.

For use with OEM (Dionex/ Thermo/ GyncoTek) housings only. Not compatible with OPTI-MAX® CV Housings.

## Product Details:

OPTI-MAX® EXP® Replacement Cartridges for Thermo/ Dionex/ GyncoTek Ultimate 3000 Series, 2/Pk

Compatible Models: Ultimate 3000 series, DGP-3600BM, DGP-3600RS, DGP-3600SD, HPG-3200RS, HPG-3200SD, HPG-3400RS, HPG-3400SD, ISO-3100BM, ISO-3100SD, LGP-3400BM, LPG-3400RS, LPG-3400SD, NCS-3500RS, NCP-3200RS, VF-P20

OEM Number: 6041.2301

Optimize Part Number: 25-38-05414



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