

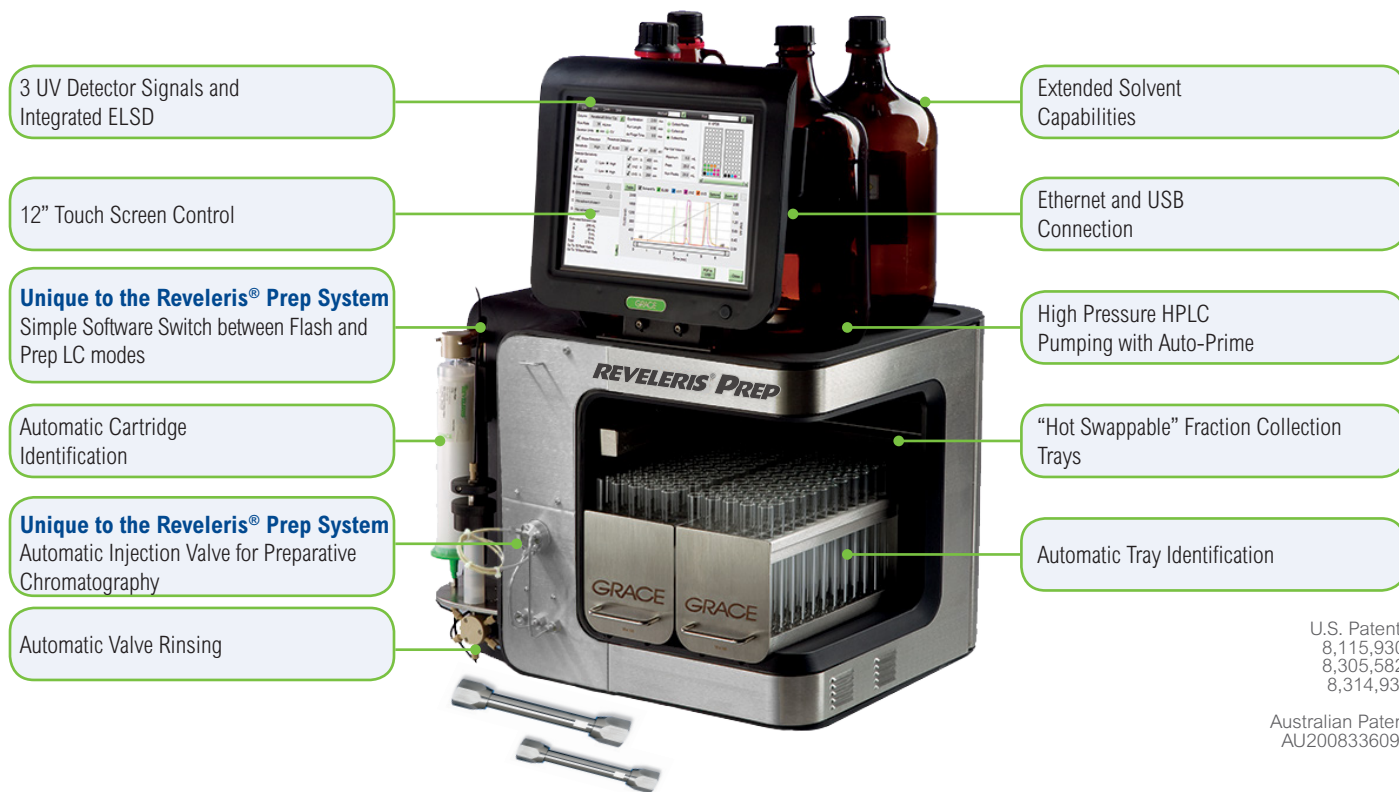
Reveleris® Technologies

Reveleris® Prep Purification System

The REVELERIS® Prep purification system is a powerful high performance purification system that combines flash chromatography with preparative HPLC in one intuitive system. The REVELERIS® Prep system gives the chemist control of the purification process by performing both flash chromatography and the ability to run preparative HPLC on samples that demand higher resolution or purity, all without giving up custody of the sample throughout the entire purification process.

The unique, patented REVEALX™ detection technology integrates up to 3 variable UV wavelength and ELS detector signals using advanced signal processing to help detect and collect all compounds from your sample. Simple selectable sensitivity control enables you to choose from high or low sensitivity, according to the mass of compound being purified or the level of impurities.

Take control of your purification with the REVELERIS® Prep purification system.



VERSATILITY

Maximize Purity and Recovery of Your Target Molecule

- Choose flash or preparative chromatography
- Use flash cartridges and prep columns
- Up to 200ml/min and 1700psi
- 3 channel UV-Vis plus ELSD
- Detect chromophores and non-chromophores

SIMPLICITY

Simple Easy Operation

- Large 12" single touchscreen system control
- Single click software switch between modes
- No time consuming fluidics changes
- Easy cartridge and column installation
- Intuitive, simple software interface

CONTROL

Purify a Broad Range of Samples with Complete Control

- Maintain custody of your sample
- Manage the entire purification process yourself
- One click detector sensitivity choice
- Choose how and what to collect
- Choose speed or purity

Grace® Preparative Columns

Grace offers a variety of pre-packed preparative columns for unsurpassed reliability at every stage of scale-up. Grace's silica based media is packed into proprietary column hardware that extends media lifetime and ensures high column efficiency to deliver optimal performance from the REVELERIS® Prep purification system.



Grace® Pre-packed Preparative Columns

DAVISIL® 710N Columns

General purpose 60Å silica for normal phase

DENALI® Silica Columns

High performance spherical 120Å silica, available in 5 and 10µm

DENALI® C18 Columns

High performance spherical C18 bonded 120Å silica, available in 5 and 10µm

VISIONHT® C18-P Columns

High performance spherical media with proprietary C18 bonding that is fully wettable and offers unique selectivity

VYDAC® 150HC Columns

Robust, high capacity 150Å silica bonded with C18 for reversed

Ask about our proprietary selection of columns and media for advanced preparative applications

REVELERIS® Flash Cartridges

- High Loading Capacity
- High Pressure (200 psig/14bar)*



Grace, the leading global manufacturer of silica, provides a wide selection of flash chromatography medias and bonding chemistries for a broad range of applications. Our media has been optimized specifically for flash applications to achieve the best possible performance from the REVELERIS® Prep purification system.

Unique Media for Challenging Flash Purifications

| Silica Normal Phase: | | Particle Size |
|------------------------|--|----------------|
| Standard | Conventional applications, polar compounds | 40µm |
| HP | Complex samples, polar compounds | 20µm |
| Silica Reversed-Phase: | | Particle Size |
| Standard C18 | Conventional applications, non-polar compounds | 40µm |
| C18-WP | Large molecule and complex samples, non-polar compounds | Wide Pore 20µm |
| Amino | Better peak shapes with polar and basic compounds; ideal for carbohydrates | 40µm |
| Diol | Alternate selectivity for a variety of polarity types; ideal for lipids | 40µm |

Grace® Pre-Packed Preparative Columns

| Column | Particle Size | i. d x length | Part No |
|-----------------|---------------|---------------|---------|
| DAVISIL® 710N | 10µm | 250 x 4.6mm | 5145654 |
| DAVSIL® 710N | 10µm | 150 x 22mm | 5174056 |
| DENALI® Silica | 5µm | 150 x 10 mm | 5174054 |
| DENALI® Silica | 10µm | 10 x 250mm | 5174063 |
| DENALI C18® | 5µm | 150 x 10 mm | 5174053 |
| DENALI® C18 | 10µm | 250 x 10mm | 5109183 |
| VISIONHT® C18-P | 5µm | 150 x 10 mm | 5152078 |
| VISIONHT® C18-P | 10µm | 250 x 10mm | 5174064 |
| VYDAC® 150HC | 10µm | 250 x 4.6mm | 5168320 |
| VYDAC® 150HC | 10µm | 250 x 10mm | 5174065 |

REVELERIS® Silica Flash Cartridges (up to 200psig*)

| Size | Qty | Std. Part No. | HP Part No. |
|-------------|-----|---------------|-------------|
| Silica 4g | 20 | 5146130 | 5170200 |
| Silica 12g | 20 | 5146131 | 5170201 |
| Silica 24g | 15 | 5165730 | 5170202 |
| Silica 40g | 15 | 5146132 | 5170203 |
| Silica 80g | 12 | 5146133 | 5170204 |
| Silica 120g | 10 | 5146134 | 5170205 |
| Silica 220g | 6 | 5165750 | 5170207 |
| Silica 330g | 4 | 5146135 | 5170208 |

REVELERIS® Bonded Flash Cartridges (up to 200psig*)

| Size | Qty | Amino | Diol | C18 Std | C18-WP |
|------|-----|---------|---------|---------|---------|
| 4g | EA | 5157330 | 5157335 | 5152990 | 5169482 |
| 12g | EA | 5157331 | 5157336 | 5152103 | 5169483 |
| 24g | EA | – | – | 5171532 | – |
| 40g | EA | 5157332 | 5157337 | 5152104 | 5169484 |
| 80g | EA | 5157333 | 5157338 | 5152105 | – |
| 120g | EA | 5157334 | 5157339 | 5152991 | – |
| 220g | EA | – | – | 5171538 | – |
| 330g | EA | – | – | 5164430 | – |

*220g and 330g cartridges are limited to 100 psig

REVELERIS® Prep Purification System

| Description | Part No. |
|---|----------|
| REVELERIS® Prep Purification System | 5172862 |
| REVELERIS® UV-Vis Optional Upgrade | 5167301 |
| REVELERIS® Navigator™ Software Optional Upgrade | 5156620 |

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