The 3 types · side-by-side

Distributor-facing reading. Each row gives best-for, key trade-off, capacity, price band, and how many of SPC's tier slots carry an option at that product type.

PRODUCT TYPE	BEST FOR	KEY TRADE-OFF	TYPICAL CAPACITY	PRICE BAND	BRANDS SPC CARRIES
PSA Generator, Standard PLANT PRESSURE · 95% TO 99.999%+ PURITY	**The workhorse of on-site nitrogen.** Laser cutting, food and beverage packaging, plastics and electronics blanketing, tire fill, heat treating, chemical and pharma process work, wineries: any application where nitrogen is consumed at standard plant pressure. The right format for the large majority of industrial demand.	PLANT PRESSURE ONLY Delivers nitrogen at standard plant pressure, a few PSI below feed. Cylinder filling, aircraft servicing, and any high-PSIG application needs the high-pressure format. Available on a portable skid or trailer chassis as a packaging variant: same machine, not a separate Product Type here.	A few hundred SCFH to hundreds of SCFM skid · cabinet · compact · portable chassis	$$ – $$$	3 / 5 · SOLID
High-Pressure Generator PSA + BOOSTER + FILL STAND · 2,200-3,500+ PSIG	**Cylinder filling and mission-critical defense work.** Aircraft tire and strut servicing, military and defense maintenance, munitions handling, industrial gas-charging (accumulators, gas springs), specialty cylinder filling for distributors, hypoxic fire suppression with high-pressure cylinder reserves. The only format engineered to fill bottles.	CAPITAL COST + SAFETY ENGINEERING Materially higher capital than a standard-pressure generator: the booster, fill stand, pressure-rated piping, and safety relief set add real cost. Heavier documentation and compliance overhead, especially in defense and aviation work. Manufacturer financing often relevant.	Single cylinder to 6+ cylinders / 24 hr deployable wheeled · stationary fill skid	$$$	1 / 5 · SOUTH-TEK ONLY
Containerized System ISO CONTAINER · GENERATOR + COMPRESSOR + TREATMENT + BUFFER	**Remote sites and rapid-deployment installs.** Oil and gas fields, mining, remote chemical plants, modular pharma and food facilities, expansion projects with no indoor floor space, multi-year construction projects, defense forward operating bases, multi-site corporate standardization, paired Enclosed Air Systems deployments. Plug-and-play in days, not months.	SITE SERVICES + REMOTE-SERVICE ECONOMICS Customer is responsible for pad, power (voltage + phase confirmed), ambient HVAC if outside the equipment's operating envelope, and the nitrogen-line piping out to the point of use. Service trips to remote sites cost more, which pushes the economics toward bundled annual service contracts and on-site spare-parts stocking.	Same envelope as standard format nitrogen · compressed-air · paired configurations	$$$	1 / 5 · SOUTH-TEK + BUILD PARTNER

Reading the brand bench column: the bar shows how many of SPC's tier slots (Industry Leader · Emerging · Economical · adjacent) carry an option at that product type. A deep bench means a price-driven and a spec-driven option both close cleanly; a narrow bench means the available brands map closely to the technical requirements and the comparison stops being a tier choice. Nitrogen generation runs narrow by design: South-Tek anchors every format, with Ozen Air and Great Lakes Air as second-tier alternates only on the standard-pressure format.