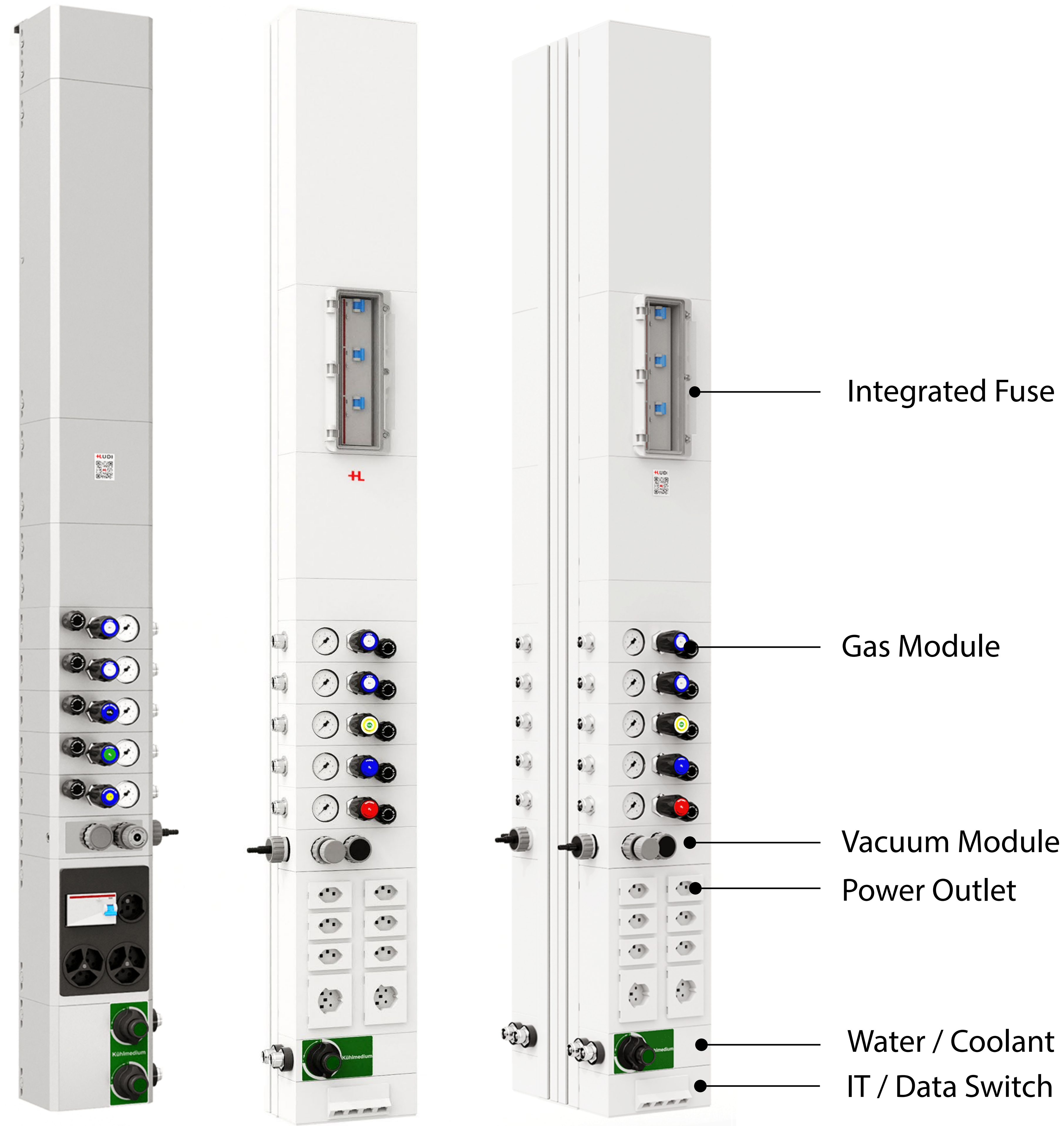


**REUSABLE SERVICE COLUMNS.**  
**15 MINUTES MODULE EXCHANGE. NO DOWNTIME.**

**LAB 4.0**  
CONNECTED MEDIA SUPPLY



**HL-X-COLUMN™ FUNCTIONALITY**

Our column variations and selection provide over **250 possible media outlets**, each in their individual module, allowing ease of maintenance and future reconfiguration. They supply each workstation with all utilities such as: gaseous media, liquids, cooling, IT/data and communication, as well as power outlets. Each column operates independently and can be maintained and/or modified without effecting any other operations within the space.

**HL-X-COLUMN™ BENEFITS**

- all media types and outlets in one place
- various types and variations for different workflows
- selfclosing connectors, preventing from unintentional release of gases or liquids
- high durability & easy maintenance
- customizable modules





Replacing of gas-module: ~ 15 min

Upgrade with additional gas module: ~ 30 min

Move a column ~ 1 hr

**HL-X-COLUMN™**

**ADDITIONAL BENEFITS**

- Independent from furniture
- Energy supply and media outlets arranged in most compact size
- Widest range of application on the market
- Reconfiguration / Module-Upgrade in 30 minutes

Replacing, moving and upgrades can be carried out in running lab, without shutdown of services and media. All columns operate independently with self closing connectors for real plug`n play. Individual fixture modules and adapters enhance the range of application.

**TECHNICAL DATA**

<b>GASEOUS MEDIA FEATURES, CUSTOMIZABLE:</b>	Gas Type, Gas Purity, Pressure Range, Outlet Direction, Connectors
<b>ELECTRICITY SUPPLY</b>	220 V / 380 V with integrated fuse (US modules available)
<b>IT / NETWORK</b>	RJ 45 data switch / optional Fibre-to-the-Desk (FTTD)
<b>WATERS</b>	Module types: industrial, purified, ionized / special sink columns
<b>COOLANT</b>	Single or double outlet modules
<b>DIMENSIONS MODULE (IN MM)</b>	155 x 150 x 60
<b>DIMENSIONS (IN MM) OVERALL LENGTH</b>	1800 -2200 mm from grid
<b>VARIATION 1</b>	Material options: aluminum, steel, high-grade steel
<b>OPTIONS</b>	DOUBLE SIDED COLUMNS, INDIVIDUAL MODULES, BUILT IN SHELVES OR CABINETS, HORIZONTAL OR MOVABLE VERTICAL DESIGN

**HLUEDI SERVICE COLUMNS ARE FULLY MODULAR. EASILY RECONFIGURED OR MOVED TO NEW LOCATION.**