

25-Oct-2025 GPT-5

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Laptops

I need to buy some laptops for some new starters

ChatGPT said:

If you're buying laptops for new starters, here's a helpful breakdown of what to look for — and then I'll share some good product options for you to consider.

✓ What to look for

According to expert guides, when purchasing laptops you'll want to focus on several key specs and features:

- **Purpose & user-needs:** First decide what the new starters will actually use the laptops for (email, spreadsheets, remote work, design tasks, heavy software?). This determines how much power you need. [WIRED+1](#)
- **Operating system:** Windows, macOS or Chrome OS — your wider environment and software compatibility matter. [Laptop Mag+1](#)
- **Processor / Performance:** Don't skimp on the CPU, RAM and storage — especially if the machine will have to last 2-3 years. [Tom's Guide+1](#)
- **RAM & Storage:** For general office use, something like 8-16 GB RAM and 256GB+ SSD is a sensible baseline. [Microsoft+1](#)
- **Screen size, weight & portability:** If the employees will be mobile (remote or hybrid work), lighter machines with a good battery are beneficial. [Tom's Guide+1](#)
- **Ports / connectivity:** Ensure the laptop has the right mix of USB/USB-C, maybe HDMI or DisplayPort if it will connect to external monitors, etc. [Tom's Guide](#)
- **Budget vs future-proofing:** Spending a little more up front to get a machine that will perform well for a few years often saves money in the long run. [HP](#)

Recommended laptop options

Here are **8** laptops (UK-market, business/office-friendly) that could work well for new starters. I don't have full pricing here, so you'll want to check UK retailers for current deals.



HP 15.6" Everyday Laptop

Price not available

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[Go to merchant](#)



Lenovo 14" Thin & Light Ultrabook

Price not available

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[Go to merchant](#)



HP Flagship Everyday Laptop Win11 Pro

Price not available

-

[Go to merchant](#)



Lenovo IdeaPad Slim 3X

Price not available

-

[Go to merchant](#)



Apple MacBook Air (M2)

Price not available

-

[Go to merchant](#)



Dell XPS 13 (2025)

Price not available

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[Go to merchant](#)



Asus Zenbook 14 OLED (2024)

Price not available

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Go to merchant



Microsoft Surface Laptop 5

Price not available

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Go to merchant

And here's a bit about each:

- HP 15.6" Everyday Laptop: A cost-effective 15.6" machine — good size for general productivity.
- Lenovo 14" Thin & Light Ultrabook: More portable (14", lighter weight) — useful if mobility is important.
- HP Flagship Everyday Laptop Win11 Pro: A stronger spec version with Windows 11 Pro — good if you need the Pro features.
- Lenovo IdeaPad Slim 3X: Value business laptop with decent specs — good for basic business use without high-end cost.
- Apple MacBook Air (M2): If your team is comfortable with macOS and you value premium build and long life.
- Dell XPS 13 (2025): Premium Windows ultraportable — ideal if you want best in class.
- Asus Zenbook 14 OLED (2024): Premium 14" with OLED screen — nice option if display quality and portability both matter.
- Microsoft Surface Laptop 5: Business-friendly from a brand with good support and ecosystem if using Microsoft stack.

 **My recommendation for your new-starters scenario**

Since these are new starters (likely needing reliable work machines, not necessarily high-end designer rigs), here's what I'd suggest:

- Aim for **14" or 15"** screen size — big enough for comfortable productivity without being bulky.
 - Specification: **Intel Core i5 (or AMD Ryzen 5) / 16 GB RAM / 256-512GB SSD** is a sweet spot.
 - Choose something **lightish** (so it can be carried around if needed) and with good **battery life**.
 - Decide whether you need Windows or macOS (or even ChromeOS) depending on your company ecosystem.
 - Go for **Windows Pro** edition if you need features like domain join, BitLocker, remote management.
 - Plan for future groundwork: even if the role is basic now, you don't want the laptop to feel slow after 12–18 months.
-

If you like, I can **check current UK deals** (October 2025) for a specified budget (e.g., "£500-£800") and send you **top 5 discounted laptops** that meet your criteria. Would you like me to do that?

You said:

They are for data analysts. What sort of specification is most common these days for those sorts of person?

ChatGPT said:

That's a great question — since you're buying laptops for **data analysts**, the specification should be a step up from basic office machines (because they'll likely be working with larger datasets, using tools like Python/R, possibly doing visualisation, maybe some light-ML). Below are what the expert sources say *and* what I'd recommend for your scenario.

✅ **What the specialists say**

Here are key highlights from recent guides:

- Many "data science / data analysis" laptop spec-guides say **RAM** is the first bottleneck: once you don't have enough memory, it doesn't matter how fast your CPU is. [Puget Systems+4Laptop Study+4Analyst Answers+4](#)
-

- For CPU: they recommend something fairly strong (e.g., 8 cores, high clock speeds) in more serious workflows. [Analyst Answers](#)
- Storage: since datasets can be large and you'll generate files/outputs, solid-state drives (SSD) with good capacity are emphasised. [DockUniverse+1](#)
- GPU: only needed if you'll do heavy visualisation, GPU acceleration or ML model training. But for standard data-analysis (tables, dashboards, SQL, Python) a dedicated high-end GPU is less critical. Guides differentiate between "data analyst" vs "data scientist + ML research". [DockUniverse+1](#)
- Display / size / portability: Many guides say a screen of ~15" gives a good balance for working with multiple windows (code, datasets, dashboards). [Analyst Answers+1](#)

What I'd recommend for your new starters

Given your scenario (data analysts, presumably business intelligence/analytics rather than heavy deep-learning labs), I suggest the following baseline and a "recommended / stretch" tier.

Spec	Baseline	Recommended / Future-proofed
Processor (CPU)	Intel Core i5 (11th/12th gen) or AMD Ryzen 5 (5000 series)	Intel Core i7 / AMD Ryzen 7 (recent gen) or equivalent → better for faster computations and larger workloads
RAM	16 GB	32 GB (especially if they'll handle big datasets, multiple tools, VMs)
Storage (SSD)	512 GB NVMe	1 TB NVMe (or 512GB + external/expansion)
Display / size	14" or 15.6", Full HD (1920×1080)	15.6" (or 16") with higher resolution (e.g., 2560×1440) if budget allows, for more screen real estate
Graphics	Integrated graphics (for typical analysis)	Discrete GPU (e.g., NVIDIA MX/RTX or AMD equivalent) only if they'll do GPU-accelerated ML or heavy visualisation
Ports / connectivity	USB-C, USB-A, HDMI or DisplayPort (for external monitors), good WiFi	Thunderbolt 4 / USB4, dual-monitor support, maybe wired Ethernet if office based

Spec	Baseline	Recommended / Future-proofed
Weight / battery	Not ultra-heavy (>2kg is okay if desk-based)	Less than ~1.8kg if they'll carry it around frequently
Other	Good keyboard, decent cooling (so it doesn't throttle)	Option to upgrade RAM/storage if needed later

In summary: Aim for **Core-i7 + 16–32 GB RAM + 512GB–1TB SSD + good build/ports** if budget allows, **but** if you have many new starters and budget is constrained you can start with a strong i5 + 16 GB + 512GB and ensure there's upgrade path.

Why these specs matter for data analysts

- Large RAM helps when working with big data frames in tools like Pandas/R — you don't want to hit the memory limit and get very slow performance.
- SSD speeds up loading datasets, launching tools, saving exports, etc. A slow drive bottlenecks overall workflow.
- Stronger CPU means faster processing, faster transformations, quicker visualisation refreshes — all good for analyst productivity.
- Good display + ports: Analysts often have multiple windows (dashboards, SQL clients, code editors, reports) — more screen real estate + external monitor support is a productivity multiplier.
- Built-quality + upgrade path: Analysts may keep laptops 2–3 years — choosing a solid machine now reduces maintenance/disruption later.

If you like, I can **pull current UK market options** (October 2025) for laptops that match, say, **£1,000-£1,500** budget (or pick your budget) for data analyst roles, and we can compare cost vs spec. Would you like me to do that?

You said:

Thanks for your help

ChatGPT said:

You're very welcome, Alan — happy to help! 

If you'd like, I can shortlist a few **specific models available in the UK right now** that fit

the ideal spec for data analysts (e.g. Dell XPS, Lenovo ThinkPad, HP EliteBook, etc.) within your preferred **budget range** — would you like me to do that next?

You said:

Do you know anything about MRO suppliers in the middle east?

ChatGPT said:

Yes — there's quite a bit to know about the MRO (Maintenance, Repair & Overhaul) supplier / service-provider space in the Middle East. Below I'll share a **general overview of the market**, a few **key players**, and **what you should watch out for** (risks / things to check) if you're engaging with MRO suppliers in this region.

✓ Market overview

- The region is growing. The Middle East (and the broader Middle East & Africa region) "aircraft/aviation MRO" market is projected to hit about **USD 12.86 billion by 2030**, up from around USD 10.04 billion in 2025. [Mordor Intelligence+2AVA AERO+2](#)
- Growth drivers include: strong growth in air travel, the region's strategic positioning between Europe/Asia/Africa, heavy investment in aviation hubs, and governments pushing for localised capability and servitisation (versus only outsourcing overseas). [AVA AERO+2MR O Business Today+2](#)
- Despite this growth, there are capacity constraints: for example, some independent third-party MROs in the region are "operating at nearly full capacity". [Aviation Week+1](#)
- The market is evolving away from purely line maintenance towards heavier base maintenance, engine / component overhaul, digitalisation, mobile MRO solutions, etc. [MR O Business Today+1](#)

🔍 Key players / notable suppliers

Here are a few significant MRO suppliers or service providers in the Middle East, as examples you might explore or benchmark against:

Saudia Aerospace Engineering Industries (SAEI) (Saudi Arabia)



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- Based in Jeddah with a large number of services: line maintenance, heavy/base maintenance, repairs, component overhaul, etc. [Wikipedia](#)
- Example of a home-region major MRO with global certification and many stations.
- If engaging with them (or similar), you'll want to check their certifications, capacity, lead times.

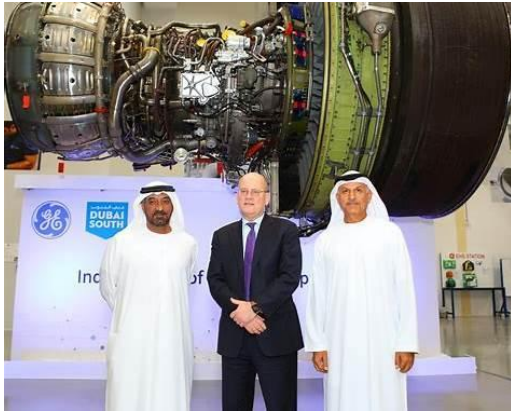
Joramco (a subsidiary of Dubai Aerospace Enterprise (DAE))



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- Named among major Middle-East/Africa aircraft MRO companies. [Mordor Intelligence+1](#)
- Offers base maintenance for wide- and narrow-body aircraft, which indicates heavier capability (not just line) — useful if your scope is more than just “routine servicing”.

GE Aerospace (regional presence)



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- Example of an international OEM/provider investing in the region: they announced ~US\$10 million investment in Middle East MRO facilities (Dubai, Doha) covering on-wing support, engine tooling and equipment. [Gulf Business+1](#)
- If you are looking for engine/ component level MRO, these kinds of providers matter.

 What to check / caution points

When you're looking to engage with MRO suppliers in the Middle East, keep these in mind:

- **Certification & regulatory compliance:** Make sure the provider holds the right aviation authority approvals (EASA, FAA, local civil aviation authority), especially for your aircraft type, parts, engines, etc.
- **Capacity & lead times:** Given growth constraints, some MROs may be near full capacity — this may affect turnaround time. (See earlier note about “operating at nearly full capacity”.) [Aviation Week](#)
- **Scope of services:** Does your requirement cover only line maintenance, or need base heavy maintenance, engine overhaul, components? Make sure the supplier has the correct capability.
- **Logistics / supply-chain & parts availability:** In some regions the supply chain may be more complex (import duties, part sourcing, lead times).
- **Digital/technical maturity:** Some providers are adopting mobile MRO bases, drones for inspection, digital tools — these may give efficiency benefits. [MRO Business Today+1](#)
- **Cost & commercial terms:** While the region has advantages (location, hub status), local cost structures, exchange rates, tariffs, local labour/skill mix can vary — ensure you benchmark.
- **Strategic alignment:** If your company has global standards, you may prefer a supplier that aligns with that standard or has global integration (e.g., subsidiaries of major OEMs).
- **Future proofing:** Given that the market is growing and evolving (engine segments fastest, more wide-body MRO demand) [Grand View Research+1](#) you'll want a partner that's investing in capabilities.

If you'd like, I can **pull a list of MRO suppliers in the Middle East specific to your sector** (aviation, or if you meant a different “MRO” like industrial / facilities / manufacturing maintenance) and highlight **their capabilities, region, certifications and contact/office info**. Would you like me to do that?

yes please

ChatGPT said:

Here are **three key MRO suppliers** in the Middle East region (aviation-focused) that you might consider. For each I've noted their core capabilities, location, and what stands out (which may help you evaluate whether they fit your needs). If your “MRO

suppliers” apply to a different sector (industrial/plant maintenance rather than aviation), I can pull up those too.

1. Saudia Technic (formerly Saudia Aerospace Engineering Industries – SAEI) — Saudi Arabia



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Location & background: Based in Jeddah, Saudi Arabia (at King Abdulaziz International Airport). Formerly SAEI, now rebranded as Saudia Technic.

saudiatechnic.com+2sgpgrid.com+2

Capabilities: They provide full MRO services: line maintenance, base/heavy maintenance, component maintenance, engine & propulsion services.

saudiatechnic.com+1

Stand-out features / strategic notes:

- Backed by big investment: The Saudi Public Investment Fund (PIF) has signed to invest in transforming Saudia Technic into a “national MRO champion”, building a large MRO village (~1 million m²) including engine test cells. [ZAWYA+1](#)
 - Good marker of future growth: If you’re planning for long term, you’d expect growth, localised capability, and scale.
When this supplier works well: If you have aircraft (or related assets) in/out of Saudi or the wider Gulf region and need a strong full-service MRO with heavy capacity.
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2. Emirates Engineering — United Arab Emirates



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Location & background: Based in Dubai, UAE. Part of the Emirates Group aviation engineering arm. [emiratesengineering.com+2emiratesengineering.com+2](#)

Capabilities:

- Provides line maintenance, base maintenance, component/engine overhaul.
emiratesengineering.com
- Engine Maintenance Centre (EEMC) in Dubai: capable of overhaul and repair of major engines (e.g., GE90-115B) with a high throughput.
emiratesengineering.com

Stand-out features / strategic notes:

- Big investment: Emirates announced a ~US \$950 million new engineering facility at Dubai World Central, ~1 million m², signalling long-term ambition in MRO scale. mrobusinessstoday.com
- Located at a global aviation hub (Dubai), which can be a logistic advantage for international operators.

When this supplier works well: If you're operating (or servicing) aircraft in or transiting through the UAE region, and need high-end/large-scale MRO capability.

3. AMES FZCO — United Arab Emirates (Dubai)





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Location & background: Based in Dubai (UAE). A joint-venture company (by AFI KLM E&M and Safran Nacelles) specialising in component/structures maintenance and overhaul. ames-fzco.ae

Capabilities: Focuses on aerostructures/components (nacelles, radomes, fan stator modules, both metallic and composite parts) rather than full-aircraft heavy maintenance.

Stand-out features / strategic notes:

- Good for specialised component MRO services rather than full airplane heavy-checks.
 - Dubai location gives access to the Middle East market plus good connectivity.
- When this supplier works well:** If your MRO need is component/parts, aero-structures, repair/overhaul of sub-systems rather than full heavy checks.

How to proceed / Evaluation Checklist

When engaging with any of these (or other MROs) in the region, I'd recommend you check/ask the following:

- Certifications and approvals (EASA, FAA, local Civil Aviation Authority) relevant to your aircraft type, components, engines.
- Lead times and capacity (some MROs in the Middle East are near full capacity) [Aviation Week Network+1](#)
- Scope of services exactly — e.g., line vs base maintenance vs engine vs components; ensure the provider covers your specific asset and service level.
- Logistics, parts availability, turnaround time (TAT) especially given regional supply chain nuances.
- Location and transit/inbound/outbound logistics (if your aircraft travel in/out).
- Cost benchmarks and commercial terms (it may be more cost-efficient locally, but compare).

- Future expansion or investment plans of the MRO (to ensure they'll support long-term needs) — e.g., many of the players above have large growth plans.
 - Alignment with your compliance/quality management system and risk/QHSE requirements.
-

If you like, I can **expand the list** further to include 8-10 MRO suppliers across the Middle East (including lesser known independents in e.g. Jordan, Oman, Kuwait) and **provide a comparison table** (location, specialization, capacity, certifications). Would that be useful?

Test Tubes

can you help me buy specify some MRO

ChatGPT said:

Great — buying the right MRO (Maintenance, Repair & Operations) supplies involves both understanding what you really need and then sourcing the right items. I'll walk you through key specification criteria and things to consider, and we can then pick some product categories and example items.

Step 1: Define What “MRO” Covers for Your Team

“MRO” means the supplies, tools, parts & services that keep your operations running (but which aren't direct raw materials for your final product). [IBM+2NetSuite+2](#)
Examples include:

- Hand tools, power tools, fasteners, bearings, belts, filters, lubricants. [TRACTIAN+2Thinaer+2](#)
- Consumables: cleaning materials, PPE (personal protective equipment), office supplies, janitorial items. [NetSuite+1](#)
- Spare parts for critical equipment. [verdantis.com+1](#)

For your team (you mentioned interest in designing AI rollout and prompt templates) you might ask: are you buying MRO for sales/operations? Or for a facility/production environment? The emphasis will differ (office consumables vs industrial spares).

Step 2: Specification Criteria to Decide

When specifying MRO items you'll want to define:

1. **Criticality** – How important is the item? If its absence causes a production stoppage or delay, it's high-critical. [verdantis.com](https://www.verdantis.com)+1
 2. **Usage rate** – How often is it consumed or needed? High usage = higher stocking.
 3. **Lead time** – How long does it take to procure or ship? Longer lead times require larger buffer stock.
 4. **Quality / compliance / safety specs** – Does it need safety certification, be in a certain grade, etc.
 5. **Unit cost, inventory cost & carry cost** – Because MRO inventory sitting idle is cost too. [NetSuite](https://www.netsuite.com)
 6. **Storage / location / tracking** – Where is it stored, how is it tracked? Especially important for many small parts.
 7. **Standardization** – Are you buying generic items (e.g., M6 bolts) or device-specific spares? Standardizing helps reduce variants.
 8. **Obsolescence / lifecycle risk** – For spare parts: is the equipment still supported, will this part become obsolete? [verdantis.com](https://www.verdantis.com)
-

Step 3: Picking Product Categories & Example Items

Here are some typical MRO supply categories you should specify. Once we identify your priority categories (office vs facility vs production), I can pull specific product recommendations.

A. Consumables & Safety Supplies

- Lubricants & oils
- Cleaning chemicals, rags, mops, buckets
- PPE: gloves, respirators, safety glasses
- Fasteners: bolts, nuts, screws, washers
- Adhesives, tapes

B. Tools & Equipment

- Hand tools: spanners, ratchets, screwdrivers
- Power tools: drills, angle grinders

- Measuring/inspection tools: calipers, micrometers
- Replacement parts for tools (e.g., batteries, blades)

C. Spare Parts & Maintenance Items

- Bearings, belts, filters, motors, pumps
- Electrical components: fuses, contactors, relays
- HVAC/facility parts: lighting bulbs, ballasts, HVAC filters
- Facility maintenance: plumbing parts, roofing repair supplies

D. Office/Facility Support Supplies

- Stationery, printer cartridges
- Janitorial & cleaning supplies
- Break-room supplies, lighting, signage

If you like, I can **specify a tailored list** of say 8-10 MRO items (with part numbers, vendor considerations, cost ranges) specifically for your organisation (you tell me the environment: sales/operations office vs manufacturing/plant) and we can then identify **vendors/suppliers** in the UK to source them. Would that be helpful?

You said:

some test tubes

ChatGPT said:

If you're looking to buy test tubes for MRO (maintenance, repair & operations) or lab-use, here are **specification guidelines** + some **product options** to pick from.

Specification Criteria

When selecting test tubes, you'll want to consider the following attributes:

- **Material:** Glass (often borosilicate) vs plastic (polypropylene, polystyrene, etc). Glass gives better heat/chemical resistance; plastic gives impact resistance and lower cost. [Lab Manager+2Fisher Scientific+2](#)
- **Size / volume:** E.g. 13 × 100 mm, 16 × 125 mm, 18 × 150 mm are common. These correspond to different volumes (e.g., ~5 mL to 50 mL) for different applications. [cliffscientificworld.com+2Tubix Test Tube+2](#)

- **Wall thickness, rim/beaded vs rimless:** For durability, thermal shock resistance, ease of handling. [Eisco Labs+1](#)
- **Heat/chemical resistance:** If you'll heat the tubes (e.g., on a hot-plate or flame) you'll want borosilicate glass or high-quality plastic rated for autoclave. [Fisher Scientific+1](#)
- **Closure / cap / stopper:** Some test tubes come plain, others with screw-caps or stoppers if seal is needed. [marketlab.com+1](#)
- **Single use vs reusable:** Plastic tubes often disposable; glass reusable with proper cleaning/sterilisation. [Lab Manager+1](#)
- **Standardisation & compatibility:** Make sure your chosen size fits racks, holders, equipment you already have. [GlobalSpec+1](#)

Product Options

Here are some test tube product suggestions you can consider. (You'll want to check availability/shipping to the UK if you're in the UK.)

Here's a quick breakdown of each:

- Eisco Labs Borosilicate Glass Test Tubes 25 mL (18×150 mm): High end glass tubes, good for heating/chemical work.
 - Marketlab Polypropylene Test Tubes (13×75 mm & 16×100 mm): Plastic, good for general use where extreme heat not required.
 - General Purpose Plastic Test Tubes 16×120 mm 6 pack: Even more affordable plastic option for simpler tasks.
 - Glass Test Tubes Borosilicate 3.3 Glass 100 Pack 25 mL: Bulk pack of good quality glass tubes.
 - Polystyrene Test Tubes 13×100 mm 12 pack: Disposable style plastic, suitable for less demanding uses.
 - Standard Chemistry Glass Test Tubes 16×150 mm: Mid-range glass tube size for chemistry uses.
 - Plastic Test Tubes (16×100 mm) Opaque with Leak-Proof Cap: Plastic with cap for sealing (important if storing/transporting).
 - Extra-Large Glass Test Tubes 20×150 mm (≈28 mL): Larger volume glass tube for bigger sample/volume.
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✓ My Recommendation for You

Given you're building an MRO supply list:

- If your application involves **heating, high-chemicals or reuse**, go for **borosilicate glass** tubes (like the Eisco & bulk glass sets above).
 - If your application is **general holding, storage, lower heat**, then **plastic tubes** are cost-effective and more impact resistant.
 - Make sure you choose a **size/volume** that matches your use (for example 16×125 mm is common) and ensure it fits your racks/holders.
 - Consider accessories such as racks, brushes, stoppers/caps.
 - Check supplier shipping to UK, import taxes, and whether sterile / non-sterile depending on your use.
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If you like, I can **source specific UK-based supplier SKUs** (with pricing in GBP & shipping to your region, Harefield, UK) for a few of these test tube types. Would you like me to pull those?

You said:

i'm looking for glass test tubes. how much do they usually cost?

ChatGPT said:

The cost of glass test tubes in the UK varies quite a bit depending on size, material (standard glass vs borosilicate), wall thickness, brand, packaging quantity, etc. Here's a breakdown of typical prices + what influences cost — so you can budget appropriately.

📊 Typical Price Ranges

Based on UK supplier listings:

- Smaller packs (e.g. 100 tubes, standard soda-lime glass) in modest sizes (e.g. 12 × 75 mm) are ~ **£20-£30** for a pack of 100. [philipharris.co.uk+3Hope+3GLS+3](#)
 - Mid-range packs (100 tubes, borosilicate or medium wall, e.g. 16 × 150 mm) are ~ **£40-£80** for a pack of 100. [philipharris.co.uk+2GLS+2](#)
 - Specialty/large sizes, heavy-wall glass, or high quality brands can go over **£100+** for 50-100 tubes. For example, a heavy wall 24 × 150 mm pack of 100 at ~ £124.55 exc VAT. [Hope+1](#)
-

- Smaller quantities / craft or non-lab grade glass tubes can be much cheaper: e.g., 5 tubes of certain size ~ £5-£10. [eBay UK+1](#)
-

What Influences the Price

Some of the key factors that cause the price to vary:

- **Material/quality:** Borosilicate (“3.3” glass) is more durable and heat/chemical resistant than regular soda-lime glass, so it costs more. [Fisher Scientific+1](#)
 - **Wall thickness / heavy wall vs medium wall:** Thicker walls / heavy wall tubes cost more. [GLS](#)
 - **Size (diameter × length):** Larger tubes (bigger diameter, longer length) use more glass and cost more.
 - **Pack quantity:** Buying in bulk (e.g., 100 tubes per pack) generally gives better unit cost than tiny packs (5-10 tubes).
 - **Brand & certification:** Reputable laboratory brands and specification (e.g., certified for autoclave, rimmed vs rimless) increase cost.
 - **Special features:** e.g., rimmed vs rimless, with caps or stoppers, special closures, or coated glass all add cost.
 - **Volume & vendor/distributor markup:** Lab suppliers have higher costs than craft or decorative use suppliers; shipping/import may also add.
-

My Estimate & Advice for Your Use

Since you asked for “glass test tubes” (and presumably for operational/MRO use rather than high-end scientific research), here’s what I’d budget:

- If you go for standard lab-glass (medium wall, borosilicate) size ~16 × 150 mm, and buy a pack of 100, expect around **£40-£80**.
 - If use is less demanding (heating not heavy, lower chemical resistance needed), you might accept soda-lime glass in pack of 100 for ~ **£20-£30**.
 - If you need specialist (heavy wall, large size, certified for autoclave/chemicals) budget **£80-£150+** for a pack.
-

If you like, I can **pull a live list** of 3-5 current UK supplier SKUs of borosilicate glass test tubes (with sizes, pack sizes, prices, shipping to Harefield, UK) — would that be helpful to you?

You said:

Do you know any good suppliers who can get me these in the next week?

ChatGPT said:

Yes — there are **several good UK-based suppliers** who list glass test-tubes *in stock*, and in many cases with **next-day/rapid delivery** options. I'll highlight a few that look reliable and then we can check specific SKUs & delivery to your area (Harefield, UK).

✓ Recommended Suppliers

1. Appleton Woods

4.8•Laboratory equipment supplier•Closed



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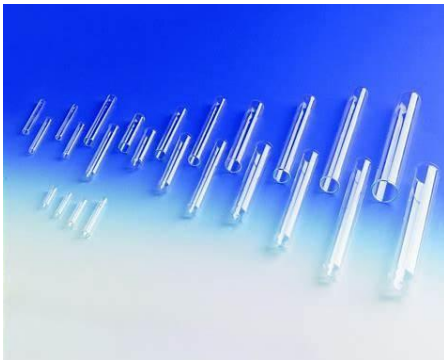
Why this one's good:

- They specifically list borosilicate glass culture tubes and indicate next-day delivery is available. [Appleton Woods | UK Lab Supplies](#)
- They appear to be a long-established lab-supplier, so supply chain and stock reliability are likely strong.

Tip: Pick the size you need (e.g., 150×25 mm) and double check the shipping cutoff time for next-day.

2. Scientific Laboratory Supplies (SLS)

4.8•Laboratory equipment supplier•Closed



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Why this one's good:

- They have an extensive range of glass test tubes listed, including borosilicate glass test tubes, with clear pack sizes and types.

<https://www.scientificlabs.co.uk>

- As one of the larger UK independent lab-suppliers, they likely have robust logistics.

Tip: When selecting the item, check for “in-stock” and choose the fastest shipping option at checkout.

3. Philip Harris



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Why this one's good:

- They list many glass test-tube SKUs (e.g., 12×75mm, 16×125mm) with “in stock” status. philipharris.co.uk
- As a UK science-education/ lab-supplier they're used to handling fast orders for small packs.

Tip: If you only need a smaller pack (say 50 or 100 tubes) this might be more economical and quicker.

What I Recommend You Do Right Now

- Decide **exact size, wall material, pack size** you want: e.g., 16×150 mm borosilicate glass, pack of 100, or something else.
 - Choose one of the suppliers above (or compare all three) and check the **shipping/dispatch time** for your postcode (Harefield, England – check if next-day is guaranteed).
 - At checkout, ensure you choose the **fastest shipping option** (next-day or 24-hour) and check for cut-off time (many UK couriers require order by midday for next-day).
 - Check stock: Look for “In stock”, “Ready for dispatch”, etc.
 - If absolute urgency, you can call the supplier (they all list phone numbers) and explain you need delivery in one week — they may expedite.
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If you like, I can **check live SKUs** on each of these suppliers for *your exact size requirement* (you tell me size: diameter × length) and **check real-time delivery cost & time** for your postcode in Harefield. Would that be useful?

You said:

I'm based in Atlanta, Georgia

ChatGPT said:

Great — being based in Atlanta, Georgia means you've got access to several U.S. suppliers who offer fast shipping for glass test tubes. Here are some **supplier options** + **live product examples** you can order, followed by a quick checklist to make sure you catch everything (so you get them in time).

Good U.S. Suppliers With Fast Shipping

- Uline: They carry glass test-tubes (including borosilicate glass) and say “Order by 6 p.m. for same-day shipping.” [Uline](#)
 - Karter Scientific: U.S. manufacturer/distributor of glass (and plastic) test-tubes, with “Order by 5 pm CST – Same Day Shipping”. [KarterSci](#)
-

- Discount Vials: Offers U.S. made borosilicate glass test tubes and bulk/wholesale options. [Discount Vials](#)

These suppliers are well-placed to deliver quickly (often next day or fast shipping within the U.S.).

Some Live Product Examples

Here are some sample products you can consider. You'll need to check exact size, quantity, wall/thickness etc, but this gives you a good starting point:

Short breakdown:

- “Borosilicate Glass Test Tubes – Uline 18×150 mm (Pack)”: A good size for general lab uses; Uline has them in stock. [Uline](#)
 - “Threaded Glass Test Tubes – Discount Vials 20×125 mm”: Threaded screw-cap style, good if you need closure / storage. [Discount Vials](#)
 - “Heavy-Duty Borosilicate Glass Test Tube Case – U.S. Plastic Corp 25 mL Rimmed”: Smaller quantity but high quality. [U.S. Plastic Corp.](#)
 - Reusable lab brand borosilicate (Fisher/Kimble etc): For higher specs. [Fisher Scientific](#)
 - “Standard Glass Test Tubes (Soda-Lime) – U.S. Plastic Corp 12 mL Case”: If you don't require heavy chemical/heat resistance, this is more cost-effective. [U.S. Plastic Corp.](#)
 - “Culture Tubes with Screw-Cap Borosilicate – Shivsons”: Good if you need cap/seal. [Shivsons](#)
 - “General Glass Test Tubes – Thomas Scientific”: A broad range of options. [Thomas Scientific](#)
 - “Large Volume Glass Test Tubes (24×150 mm) – Uline”: For larger sample volumes. [Uline](#)
-

What to Check Before Ordering

Since you want them in the *next week*, you'll want to ensure:

- The **size** (e.g., 16×150 mm, 18×150 mm, etc) matches your needs.
 - **Material**: Are they borosilicate or standard glass? If you're doing heating/chemistry use, borosilicate is better.
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- **Quantity:** Pack size or case size – ensure you’re ordering enough.
 - **Shipping:** Check that the product is “In stock” and that the supplier offers next-day or 2-day shipping to Atlanta, GA. Uline offers same-day shipping if you order by 6pm. [Uline](#)
 - **Lead time / cut-off time:** Make sure you place the order early enough in the day.
 - **Shipping cost / method:** Expedite shipping may cost more but ensures delivery within a week.
 - **Return/Quality policy:** In case some break in transit.
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If you like, I can **check live current stock + shipping cost to Atlanta** for 2-3 specific SKUs (say one borosilicate size and one standard glass size) and send you direct links to buy. Want me to pull those?