

**Centre for Agricultural Research and Innovation (CARI)**  
**Department of Agriculture**  
**Guru Nanak Dev University, Amritsar**

Ref. 873 /CARI

Dated 14/6/2026

**NOTICE, INVITING QUOTATION**

**Subject: Sealed quotations for the purchase of following Lab Colorimeter: -**

Sr.No.	Particulars & Specifications	QTY.
1.	<p>Colorimeter for accurate and convenient water, beverage &amp; environmental analysis</p> <p>Long-life Lamp Extended durability and economy The special xenon lamp in the offers a lifetime of several years combined with the flexibility of UV/VIS analysis - even under intense use.</p> <p>Smart Screen Simple, seamless menu navigation Have complete control at your fingertips with our interactive Smart Screen and intuitive icons. • Instantly responsive display and fast processing • Method and result lists for easy documentation and data access • Touchscreen is resistant to most chemicals • System menu in 29 built-in languages.</p> <p>Ready-to-use Chemistry Maximum Flexibility Every instrument should accept 16 mm round cells as well as 10, 20 and 50 mm rectangular cells (cuvettes). For even greater sensitivity</p> <p>Minimal effort The instrument cell test port offers direct insertion of our ready-to-use round cell tests without opening any lids. The Live ID barcode identifies the correct method instantaneously. Even for reagent tests measured in rectangular cells our innovative Auto Selector provides Live ID barcode recognition. Depending on the cell size, the measuring range is automatically selected - no adaptors needed.</p> <p>Easy Cleaning Durable, removable components The intelligent design makes it easy to keep your system in top form – even if something is spilled into the sample compartment. Simply remove the cell holder, rinse it with water, wipe it clean, and it's ready for your next analysis.</p> <p>Custom Measurements Easy adjustments for every need Several modifications can be made easily using the settings icon, for example: • Simultaneous display of absorption and concentration values • Turbidity correction • Add the dilution factor for each sample</p> <p>Individualized Measuring Ranges Set your own individual ranges: • Monitor results within specified limits • Visualize expected ranges • Simplify your trend analysis</p> <p>A new dimension in traceability Live ID is an identification system for all our cell and reagent tests. Unlike other barcodes, it transfers "live" data—thanks to automatic calibration updates, meaning that</p>	1 PC

*Rajbir Singh*

your results will always be accurate and fully traceable. Live ID also saves time; just insert the test, and your instrument reads the code, detects the method, and selects the right settings. Test-specific lot and expiry data are saved with each result for accurate records and streamlined audits.

- Method recognition • Lot number • Expiry date • Calibration update

Easy adjustments for every need several modifications can be made easily using the settings icon, for example:

- Simultaneous display of absorption and concentration values
- Turbidity correction
- Add the dilution factor for each sample.

Data on Demand Customizable data for easy documentation • Enjoy maximum flexibility in minimum steps • Access all your results from a clear, concise list • Select your desired filter option (by date, keyword, method, user, etc.) • Export data in your preferred form – from brief overview to complete protocol

**Reagent Tests with Auto Selector** These economical kits contain highly stable reagent mixtures, and allow you to choose the cell format that suits your measuring range. An Auto Selector with a Live ID barcode is provided with each reagent test kit for correct measurements.

For maximum convenience, our cell tests include all the reagents you need for your analysis, so they are ready to use straight out of the box.

Not just more choices. More confidence. The system is preprogrammed for over 150 test kits and additional >150 methods, giving you swift, reliable results for the broadest range of applications.

Set your own individual ranges:

- Monitor results within specified limits
- Visualize expected ranges

Simplify your trend analysis

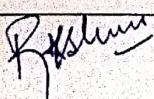
A new level of analytical standard AQA Prime makes analytical quality assurance exceptionally reliable – and extremely easy.

- Clear overview of AQA status, information, updates, and options with one touch
- Select individual settings and measurements for each AQA
- Complete verification and documentation for all stages of quality control: AQA1 > Instrument check AQA2 > System check – now even easier because system is preprogrammed for all standards /photometry

**Preprogrammed Applications** Free, additional methods to simplify your work To further facilitate your analysis, the system should be free, preprogrammed application procedures, such as bromate in drinking water, sugar colour and brewery methods.

**Robust Surfaces** Built to endure lab chemicals Spills and splashes happen no matter how careful you are. That's why the materials and design of system are engineered to last and be resistant to most chemicals used in labs.

**Matrix Check** Easily detect interferences The Matrix Check makes it even easier to spot interfering substances in your samples. After your measurement, simply press the Settings icon, and select Matrix Check from the list. You will be clearly guided through the entire process.

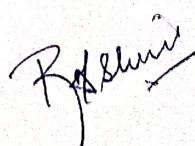


The is the best choice for those who primarily use broad range test kits, or only perform measurements. High quality and great value for your daily analyses.

Data Exchange Fast and flexible connectivity You have multiple ways to easily utilize your data: • USB ports – to connect your printer, memory device, keyboard or barcode reader • Ethernet port – “Connect to LIMS” allows you to push your results directly to your LIMS or ELN Specifications Measuring technology Spectrophotometer with reference beam technology Wavelength range Vis (320 – 1,100 nm) UV (190 – 320 nm) Lamp type Tungsten halogen lamp Xenon flash lamp Ambient light protection Measurement with open shaft possible due to proprietary solution (patent pending) Spectral bandwidth 4 nm 1.8 nm Smart Screen Display P-cap glass touchscreen Live ID System 2-D Barcode recognition for cell and reagent tests Barcode contains parameter, lot #, expiry date and calibration data stored with each measurement Cell size 16 mm round cells, 10, 20 and 50 mm rectangular cells with automatic recognition 100 mm rectangular cells with automatic recognition.

#### Terms & Conditions:

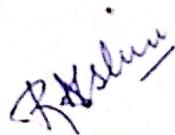
1. Quotations should be address to **Coordinator, CARI, Department of Agriculture (Near U I T building), Guru Nanak Dev University, Amritsar- 143005**, so as to reach this office **January 30, 2026 (Friday)** at 4.30 p.m. under **registered speed** post duly super-scribed on the envelope "Quotation for Lab Colorimeter".
2. Rates should be inclusive of all taxes, duties and levies in Indian Rupees F.O.R. G.N.D. University, Amritsar, otherwise quoted price will be treated as all inclusive. Rates should be written both in words and figures.
3. The institutional discount should be mentioned clearly.
4. The Quotations shall be written legibly and free from erasing and over-writing. Corrections, if any, should be duly attested by authorized signatory.
5. Bids received within the due date only will be entertained.
6. The quotation should be valid for a period of 60 days for acceptance from the date of opening of the bids
7. Bidders cannot withdraw their offer once it is submitted.
8. The vender may quote the items, which meets the requirements and specification along with the layout, make, model, material specifications, dimensions, brochures, photo catalogues of items along the quotation.
9. GNDU Committee also reserves the right to accept/reject the offers or cancel the whole proceedings without assigning any reason whatsoever. In case of any dispute, the matter will be referred to Vice- Chancellor, Guru Nanak Dev University, Amritsar



10. Decision will be binding and final. Bidders are not entitled to claim any damage or compensation in case of such cancellation.
11. Jurisdiction: The disputes, legal matters, court matters, if any shall be subject to Amritsar Jurisdiction only
12. The delivery of Lab Colorimeter in the Department of Agriculture in G.N.D. University shall be made within 20 working days of the issue of supply order, failing which the order will be withdrawn.
13. The bill payment process will be started after the purchase of Lab Colorimeter.



J. K. Singh  
Coordinator, CARI



R. K. Singh