

Supplier Scouting Opportunity 2023-028

Item to be scouted: Ultra-Microbalance

Item description: An ultra-microbalance used to provide gravimetric analysis of airborne particle matter filter samples which have been collected in ambient environments.

Technical Information

Supplier Information

Type of supplier being sought: Manufacturer

Reason for scouting submission: Price

Summary of technical specifications and performance requirements

Describe the manufacturing processes (elaborate to provide as much detail as possible): Metal and electronic assemblies

Provide dimensions / size / tolerances / performance specifications for the item: 23.6" x 14.6" x 19.3" (see attached spec sheet)

List required materials needed to make the product, including materials of product components:
Metal and electronic assemblies

Are there applicable certification requirements?: No

Are there applicable regulations?: No

Are there any other standards, requirements, etc.?: No

Business Information

Volume and pricing

Estimated potential business volume: 1 unit

Estimated target price / unit cost information (if unavailable explain): \$51, 336

Delivery requirements

When is it needed by?: 2-months

Describe packaging requirements: Individually boxed

Where will this item be shipped?: Durham, NC 27703

Additional Information

Photos or diagrams of the item

Specifications - Balance XPR2U

Maximum Capacity	2.1 g
Technique	Differential Scanning Calorimetry (DSC) Thermogravimetry (TGA)
Readability	0.1 µg
Repeatability, typical	0.15 µg
Minimum Weight (USP, 0.1%, typical)	0.3 mg
Adjustment	Internal (automatic/FACT)
Interfaces	USB-B (to device) RS232 (integrated/optional) USB-A (to device) Bluetooth (optional) Ethernet (LAN)
User management	Password protection User Rights Unlimited Amount of Users
Legal for Trade	No
Valuable Samples	Yes
Compliance Options	Data Integrity Log history (21 CFR Part 11 Compliant) Password protection Log history (Basic Metadata)
Balance Line	XPR
Balance Type	Microbalance
Accessory	yes
Documentation Options	Printing Basic Electronic Documentation Automatic Documentation (21 CFR Part 11 Compliant)
Guaranteed Repeatability	0.2 µg
Type	Balance
Price	\$\$\$
Microbalance Type	Ultra-Microbalance
Family	Excellence
Option	no
21 CFR Part 11 Compliant Weighing	Yes
Weighing Pan Diameter	16 mm
Readability (Certified)	1 mg
Automation Options	Automated Workflows
Material Number(s)	30279196