DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

GAT

GAT-N SERIES ANALYTICAL "TOP-LOADING" SCALE WITH HIGH WINDSCREEN



Multipurpose high-precision scale, suitable for laboratory and industrial use.

RESOLUTION (g): 0.0001. **CAPACITIES (g)**: 220.

The best solution for advanced industrial applications

TECHNICAL FEATURES

- Backlit LCD display with 8 16.5mm digits.
- Waterproof membrane keypad, with 9 keys.
- Construction: main structure in die-cast aluminium, ABS housing.
- Weight sensor with tuning fork system.
- STAINLESS steel plate, size Ø 80mm.
- Windscreen, level bubble and adjustable feet.
- Power supply: fitted with 230 Vac power supply unit as standard.
- Operating temperature +10°C...+30°C, non-condensing relative humidity 80%.;
- RS232 port (D-SUB9P) for connection to PC, 3590 series Touch Screen indicator or printer;
- RS232 port (DIN8P) for continuous transmission of weight and remote execution of tare function;
- Automatic calibration with built-in weights at power-up or by pressing the keys.
- Upon request:
  - calibration service and certificate;
  - CE-M approval;
  - weighing underhook to calculate the density.

FUNCTIONS

- Zeroing;
- Zero tracking;
- 6 selectable weighing filters;
- Semi-automatic tare;
- Conversion of approved units of measure: g (grams), ct (carats);
  For internal use: oz (ounces), lb (pounds), ozt (troy ounces), gn (grains), dwt (pennyweight), mom (momme), msg (mesghal), tlh (Hong Kong Tael), tls (Singapore and Malay tael), tlt (Taiwan tael), tola (tola), bat (bath), mg (milligrams);
- Tolerance control with screen message concerning weight, pieces or customised units of measure and relative (LOW-OK-HIGH) or absolute (MIN-MAX) thresholds;
- Totalisation in loading and in unloading, on the net or total weight;
- Up to five recordable tares;
- 3 customisable virtual keys to choose the operating mode;
- 6 customisable virtual keys for the possible functions;
- Automatic update of the reference for the counting;
- Scale Identification number with a 10 digits ID;
- Operational messages for zero and tare execution;
- Bar graph displaying depending on the capacity;
- Energy saving rules on the screen backlight;
- Automatically bootable once the power supply unit is connected;
- 6 configurable communication serial protocols, with string sending either when the weight is stable, on demand, by pressing a key or continuously;
- Multi-user management with password protection and programmable settings, different for each user:
  (1 Admin - 2 User - 1 Guest);
- Date and time can only be changed by authorized personnel.

WEIGHING MODES

- Counting;
- Percentage for formulations and recipe dosing;
- Customised coefficient to calculate grammage and liquids volume (internal use);
- Density calculating;
- Weight formulation and recalling.

USER MANUAL

- User Manual available in: EN

VERSIONS

Available versions

Codice	Classe	Piatto Max (mm)	Max (g)	d (g)	M (g)*	Linearità (g) +/-	Ripetibilità (g)
GAT120N	I	Ø 80 mm	120	0,1 mg	1 mg	0,05 mg	0,05 mg
GAT220N	I	Ø 80 mm	220	0,1 mg	1 mg	0,05 mg	0,05 mg

(*) CE-M divisions are obtainable only with the relative options.

www.diniargeo.com



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