



- compact size
- high weighing precision
- calibration with internal weight (ATN)
- backlighted LCD display
- interfaces for printer, label printer and computer
- windshield (draft shield)



ATN160
ATE160

ATN, ATE
series

compact
ANALYTICAL BALANCES

ANALYTICAL BALANCES ATN and ATE series

Compact analytical balances ATN and ATE are designed to work in laboratories, pharmacies, jewellery shops and research institutes, where high measurement precision is required.

ATN series balances have calibration system with internal weight, which assures maintaining of measurements precision during exploitation. ATE series balances are calibrated using only external standard off mass.

In both series the same proven design solution of balances mechanism is applied which assures their long exploitation. The draft shield is designed to compensate for environment conditions, reducing their impact on weighing results to a minimum. Backlighted display and functional keyboard allows easy and effective working with the scale.

All the balances have a rich set of special functions: counting of identical pieces, calculation of mass changes in percentage, recipe making, change of measurement unit (ct, lb, oz, ozt, gr, dwt), summing measurement series and others.

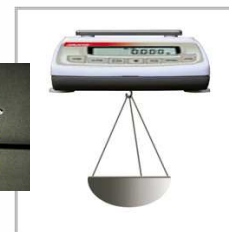
USB interface allows connection to a computer in order to archive weighing results. Moreover RS232C interface enables to connect printer or label printer to print receipts and reports. Printed reports comply with requirements of GLP regulations.

Connection with computer enables to use dedicated software available on AXIS website www.axis.pl. Recommended to work in laboratory *ProCell* software enables direct transfer of weighing results to *Excel* and easy reports edition. All balances conform to European Union regulations (CE).

Options on demand:

- hanger for below-balance weighing
- LAN interface (instead of USB)
- RS232C interface with supply for connecting barcode reader
- PEN-01 adapter for external USB memory stick (pendrive)
- software: *Stat Free*, *Communication Free* - save to file, *ProCell* - export to Excel

Options on demand:



Weighed load hanging method



Hydro ATN kit



Labelling



Technical data

	ATN160	ATE160
Scale type	ATN160	ATE160
Capacity (Max)	160g	160g
Readout unit (d)	0,1mg	0,1mg
Verification unit (e)	1mg	1mg
Tare range	-160g	-160g
Accuracy class	I	
Repeatability	0,2mg	
Linearity	±0,2mg	
Sensitivity drift	2 ppm/°C in range +15 ÷ +35°C	
Work temperature	+10 ÷ +40°C	
Weighing time	<3s	
Pan dimensions	90mm	
Equipment	RS232C and USB interface, internal clock	
Supply	~230V 50Hz 6VA / =12V 1,2A	
Dimensions	185x290x305mm	
Weighing chamber dimensions	150x160x200mm	
Scale weight	4,2kg	3,9kg
Internal calibration	-	
Recommended standard of mass	E2 100g	E2 100g
Verification	M	M