The intelligent Data Entry Terminal [iDET] YDT is an intelligent interface unit between a weighing balance and a computer/printer.

iDET

- Built-in non-volatile memory of 8k which can be upgradeable up to 64k.
- 36 alphanumerical and 5 functional keys.
- All the weighments pertaining to a sample is stored in a database using customized software.
- Reports generation tailored to customer need through the customized software.
Specifications:

- **Model**: YDT - 01/02
- **Display digit**: 20 digit 4 line
- **Display**: Dot matrix liquid crystal display with yellow green backlight
- **System core**: Micro controller
- **Program**: Assembly
- **RAM capacity**: 8K ungradable up to 64K
- **Keyboard**: Dedicated 45 keys membrane type
  - 36 - keys [A to Z Alphabetical & 0 to 9 numeral]
  - 9 - Function keys
- **Connectors**:
  1. RS-232C Input 9 pins D-sub female connector (SBI protocol)
  2. RS-485 Input 9 pins D-sub male connector (half duplex)
  3. RS-485 loop 9 pins D-sub Female connector
  4. 3.5mm subminiature jack socket (power supply)
- **Power supply**: 5VDC / 500mA
- **Working temp.**: 0°c to 40°c
- **Humidity**: Upto 85%
- **Dimension**: 134(W0) x 189(D) x 32/56(H)
- **Enclosure**: ABS plastic grey
- **Weight**: 500g approximately
- **Communication settings**: 9600,n,8,1