Multi Touch Panel

for system uLAB
and URANOS

uMTP

Function

- Pre-programmed panel for control and display of the various laboratory applications within systems uLAB and Uranos.

- uMTP is available with any of the following applications:

  – Room pressure panel
  – Energy panel
  – Extract point suction panel
  – Air velocity panel (for fume hood cabinets)
  – Chemistry cabinet panel

Variants

- Type A (UMTP-A), intended for straight wall mounting.

- Type B (UMTP-B), intended for angled wall mounting.

Installation

- Mounted in a cabinet or on a wall.

- Connections:
  – Screw clamps.
  – RS-485.

Key features

- Intended for laboratories in systems uLAB and Uranos

- 3,5" color display/control panel

- Uses Modbus RTU as internal communication protocol

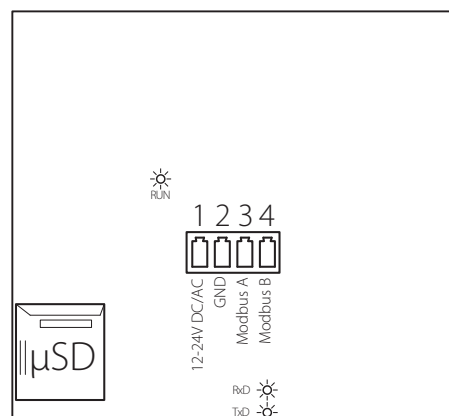- Applications are controlled based on selected software

Technical data

Image 1. Screw terminal, UMTP.

T1: Technical data – uMTP

Electrical data		
Supply voltage	12-24 V AC/DC	
Operating data		
Ambient Temperature during normal operation	0 til + 50 ° C	
Ambient humidity,	Max 95 %RH, non-condensing	
Safety standards		
Protection class	IP20	
Cabinet	IEC 60670-1	
CE erklæring (EMC directive)	2004/108/EC	
Communication		
Protocol	Modbus RTU	
Addressing	211-214	
Baudrate	19200	
Data bits	8	
Parity check	Even	
Stop bits	1	
Physical interface	RS-485	
Dimensions and weight		
Dimensions (Width x Height x Depth, mm)	Type A	85 x 85 x 19
	Type B	85 x 85 x 19...35
Weight (g)	Type A	110g
	Type B	135g

Order specification

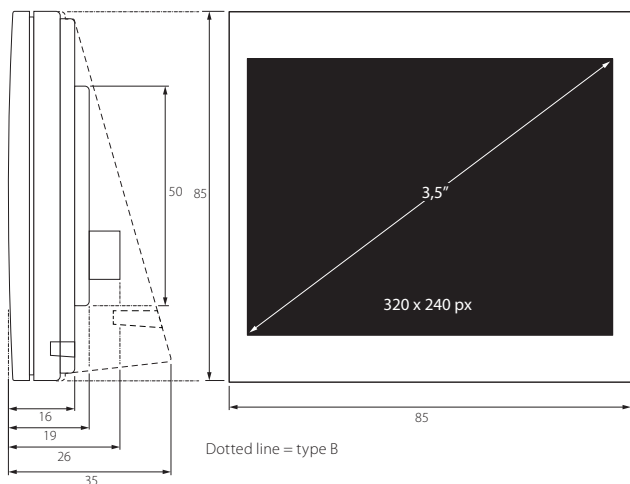| Ordering code:			UMTP	-X	-XXX
Product designation:			UMTP		
Panel type	Straight mounting	A			
(mounting type)	Angled mounting	B	X		
Software function					
	Room pressure regulation panel	RPR			
	Energy panel	NRG			
	Extract point suction panel	PXT			
	Air velocity panel (fume hood cabinet)	VEL			
	Chemistry cabinet panel	CHC	XXX		

Example: UMTP-A-RPR

Image 2. Dimensions, uMTP, type A and B (mm).