

# Product Information

Ultrasonic welding systems USP



- 5 different welding modes
- Modular construction
- High rigidity
- Programmable I/O
- Additional functions for accessories

Ultrasonic

# Product Information

## Ultrasonic welding systems USP

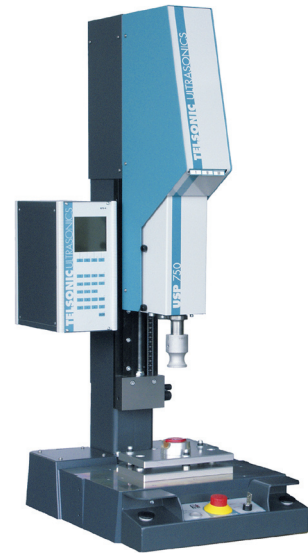
	USP-400	USP-750 <sup>1</sup>	USP-3000 <sup>1</sup>
5 welding modes	-	✓	✓
Time	✓	✓	✓
Energy	-	✓	✓
Distance relative	-	✓	✓
Distance absolute	-	✓	✓
Amplitude profile	-	✓	✓
Force profile	-	✓	✓
Rotary and sliding table functions	-	✓	✓
Sound proof functions	-	✓	✓
Language selection	-	✓	✓
Date and time	-	✓	✓
Password protection	-	✓	✓
Frequency measuring	-	✓	✓
Floating I/Os	-	✓	✓
Programmable I/Os 2 outputs- and 4 inputs	-	✓	✓
PROFIBUS-DP	-	Option.	Option.
16 welding parameter sets	-	✓	✓
Serial interface RS232	-	✓	✓
Scrolling saving of the last 4 welding curves	-	✓	✓

1) with MPS4 controller



# Product Information

	USP-400	USP-750	USP-3000
<b>Generator digital hybrid</b>	-	✓	✓
Frequency 20 kHz			
1000 W	-	✓	-
3000 W	-	-	✓
4000 W	-	-	✓
Frequency 35 kHz			
1000 W	✓	✓	-



	USP-400	USP-750	USP-3000
<b>Welding press USP</b>	400	750	3000
Welding force N	400	750	3000
Height adjustment mm	150	150	150
Stroke mm	50	100	100
Machine dimensions W x D x H max. mm	370x530x 1026	370x530x 1045	420x770x 1315
Weight kg	45	65	100
Working area B x T mm	390x290	390x290	445x490
Head levelling on booster mounting	-	-	-
Parallelism table	Option.	Option.	Option.