

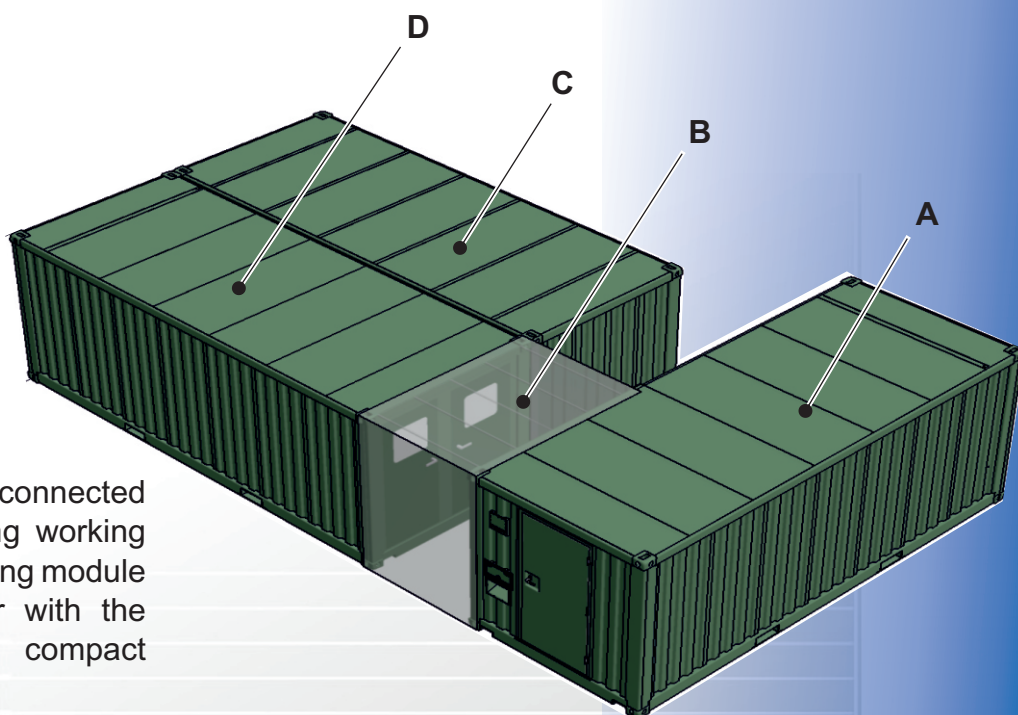
## MOBILE FIELD MICROBIOLOGICAL LABORATORY MPML

### DESCRIPTION:

The mobile field microbiological laboratory is intended for performing the bacteriological, virologic–serum and parasitological examinations in field conditions. The working place fulfils the requirements for laboratories with BSL 4 level of biological safety; it ensures the increased security of manipulation with highly risky biological agents, defined by Czech Decree No. 474/2002 Col.

### MPML ASSEMBLY AND CONFIGURATION:

- **A** - Entry and monitoring working place – thermal insulated ISO 1C container, adapted for monitoring activity of the laboratory;
- **B** - Interconnecting module – flexible distance tubes with basic cloth with both sides coating (rubberizing);
- **C, D** - Laboratory – two thermal insulated three-wall ISO 1C containers, mutually tightened and connected by assembling yokes into one integral working place.



The laboratory is interconnected with entry and monitoring working place by the interconnecting module and it creates, together with the connecting cables, the compact MPML working place.

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### BASIC TECHNICAL AND TACTICAL DATA:

Power Supply:		
electrical energy source / voltage	distribution net / 3×400/230V, 50Hz	
Electrical input:		
MPML (total)	37 kW	
- entry and monitoring working place	9 kW	
- LAB 1 container	8 kW	
- LAB 2 container	20 kW	
Dimensions:		
	External	Internal
Laboratory (l × w × h) - LAB 1	6 054 × 2 434 × 2 434 mm	4 072 × 2 110 × 2 110 mm
Laboratory (l × w × h) - LAB 2		5 300 × 2 110 × 2 110 mm
Interconnecting module (l × w × h)	2 500 × 2 500 × 2 000 mm	2 400 × 2 400 × 1 900 mm
Entry and monitoring working place (l × w × h)	6 054 × 2 434 × 2 434 mm	5 300 × 2 110 × 2 110 mm
Area for MPML deployment	12 × 8 m	
Area for MPML deployment, inclusive the manipulation area	20 × 15 m	
Weight:		
KTN LAB 1 - standby/ total	2 500 kg / 16 000 kg	
KTN LAB 2 - standby/ total	2 400 kg / 16 000 kg	
Entry and monitoring working place - standby/ total	2 800 kg / 16 000 kg	
Interconnecting module	150 kg	
Stackability:		
Laboratory - LAB 1	1 + 4 layers	
Laboratory - LAB 2	1 + 4 layers	
Entry and monitoring working place	1 + 4 layers	

