

The audio frequency system includes the following main components:

Audio frequency receiver	UL 30
Audio frequency transmitter with standard accessories	TG 20 / 50

For description of the different audio frequency transmitters and receivers please see our respective data sheets.

Technical data UL 30:

Tracing	
Receiving frequency for search coil	2kHz, 10kHz, others selectable
Passive reception	50 / 60Hz mains signal
Input sensitivity	< 10 nA
General	
Filter	digital
Amplification	> 120 dB, adjustable
Headphone output	3 - pin jack plug, 6.3 mm
Operating temperature	-20°C....+55°C
Power supply	4 x 1.5V cells (IEC LR 6)
Battery life (normal operation)	approx. 40h
Weight	550g

Technical data TG 20/50

Output power	0 - 50 VA in mains operation 0 - 20 VA in battery operation
Output current	8 A max.
Frequencies	2 frequencies, switchable 2 kHz \pm 0,1 %, k-factor \leq 1,5 % at 4 VA 10 kHz \pm 0,1 %, k-factor \leq 3 % at 4 VA
Output impedance	In 7 steps 1 Ω / 3 Ω / 10 Ω / 30 Ω / 100 Ω / 300 Ω / 1000 Ω Automatic or manual adjustment
Charging unit (incorporated)	Overcharge protection - when in mains supply, charging is made in all operating modes
Low level discharge protect.	Instrument switched off before battery is completely empty
Operating time	At 20 VA; approx. 2.5 h
Operating temperature	- 20 to + 50 ° C
Power supply	Mains connection 110-120 V / 220-230 V / 240 V \pm 10 %; 50 - 60 Hz Internal battery 12 V; 9,5 Ah External supply 12 V - 24 V DC (reverse battery protection)
Dimensions (w x h x d)	Approx. 290 x 130 x 240 mm
Weight	Approx. 9.5 kg

H.V. TEST (PTY) LTD

Locator Set with Universal Locator UL 30

Delivery includes:

- Transport case for Locator Set
- TG 20 / 50 without accessories
- Carrying strap TG 20 / 50
- Mains cable TG 20 / 50
- 3m grounding cable with connection lamp
- 2m connection lead black, touch proofed
- 2m connection lead red, touch proofed
- Universal Locator UL 30 without accessories
- Battery alkaline-manganese; 1,5 V; IEC LR 6 (4 pcs.)
- Carrying strap UL 30
- Headphone KH 30
- Detecting rod SP 30
- Auxiliary line 25 m, on hand reel
- Tapping terminals, black / red
- Earth spike
- Operation manual

Options:

- Groundmicrophone BM 30
- Selecting coil for 2,000 Hz; AS 2 / 30
- Selecting coil for 10,000 Hz; AS 10 / 30
- Loop antenna RA 10
- Current transformer clip-on-device AZ10 / Ø 70 mm
- Current transformer clip-on-device AZ10 / Ø 80 mm
- Battery connection cable
- Enclosed headphone (for suppression of ambient noise) KH 8 S
- Accessories kit sheath fault location UL 30